

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.

TestAmerica Nashville

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Nashville, TN 37204

Tel: (615)726-0177

TestAmerica Job ID: 490-137889-1

Client Project/Site: Property 006

For:

Weston Solutions, Inc.

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10/6/2017 9:55:28 AM

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This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

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Sample Summary

Client: Weston Solutions, Inc.
Project/Site: Property 006

TestAmerica Job ID: 490-137889-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
490-137889-1	WOR006-012-36-171002-56	Solid	10/02/17 08:00	10/03/17 10:05
490-137889-2	WOR006-011-36-171002-56	Solid	10/02/17 08:20	10/03/17 10:05
490-137889-3	West-01	Solid	10/02/17 14:10	10/03/17 10:05
490-137889-4	West-02	Solid	10/02/17 14:20	10/03/17 10:05
490-137889-5	North	Solid	10/02/17 14:30	10/03/17 10:05
490-137889-6	South	Solid	10/02/17 14:45	10/03/17 10:05

Preliminary Data

TestAmerica Nashville

Case Narrative

Client: Weston Solutions, Inc.
Project/Site: Property 006

TestAmerica Job ID: 490-137889-1

Job ID: 490-137889-1

Laboratory: TestAmerica Nashville

Narrative

Job Narrative 490-137889-1

Comments

No additional comments.

Receipt

The samples were received on 10/3/2017 10:05 AM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 4.2° C.

GC/MS Semi VOA

Method(s) 8270D: The following samples was diluted due to the nature of the sample matrix: West-01 (490-137889-3), West-02 (490-137889-4) and North (490-137889-5). Elevated reporting limits (RLs) are provided.

Method(s) 8270D: The continuing calibration verification (CCV) associated with batch 490-465063 recovered above the upper control limit for 2,4-Dinitrophenol, 4,6-Dinitro-2-methylphenol and Pentachlorophenol. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The following sample is impacted: (CCVIS 490-465063/3).

Method(s) 8270D: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 490-464683 and analytical batch 490-465063 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

Method(s) 8270D: Surrogate recovery for the following samples was outside control limits: West-02 (490-137889-4) and North (490-137889-5). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method(s) 8270D: Surrogate recovery for the following sample was outside control limits: South (490-137889-6). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method(s) 8270D: The following sample was diluted due to the nature of the sample matrix: South (490-137889-6). Elevated reporting limits (RLs) are provided.

Method(s) 8270D SIM: Surrogate recovery for the following samples was outside control limits: WOR006-012-36-171002-56 (490-137889-1), WOR006-011-36-171002-56 (490-137889-2), West-01 (490-137889-3), West-02 (490-137889-4), North (490-137889-5) and South (490-137889-6). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method(s) 8270D SIM: The following samples was diluted due to the nature of the sample matrix: WOR006-012-36-171002-56 (490-137889-1), WOR006-011-36-171002-56 (490-137889-2), West-01 (490-137889-3), West-02 (490-137889-4), North (490-137889-5) and South (490-137889-6). Elevated reporting limits (RLs) are provided.

Method(s) 8270D SIM: Internal standard (ISTD) response for 1,4-Dichlorobenzene-d4 in the following sample was outside of acceptance limits: WOR006-011-36-171002-56 (490-137889-2). This ISTD is not associated with any of the target compounds; therefore, the data is reported.

Method(s) 8270D SIM: Internal standard (ISTD) response for the following samples was outside control limits: West-01 (490-137889-3) and West-02 (490-137889-4). The samples were re-analyzed with concurring results, and the original set of data has been reported.

Method(s) 8270D SIM: The following samples were diluted due to the nature of the sample matrix: (490-137902-I-3-A), (490-137902-G-3-A MS) and (490-137902-G-3-B MSD). Elevated reporting limits (RLs) are provided.

Method(s) 8270D SIM: The continuing calibration verification (CCV) analyzed in batch 490-464885 was outside the method criteria for the following analyte(s): Dibenz(a,h)anthracene. A CCV standard at or below the reporting limit (RL) was analyzed with the affected samples and found to be acceptable.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Case Narrative

Client: Weston Solutions, Inc.
Project/Site: Property 006

TestAmerica Job ID: 490-137889-1

Job ID: 490-137889-1 (Continued)

Laboratory: TestAmerica Nashville (Continued)

Metals

Method(s) 6010B: The ISTD for the CCB at line 52 in AD batch 465474 recovered outside the upper control limits. The CCB was non-detect for all target analytes.

Method(s) 6010B: The ISTD for the CCB at line 40 in AD batch 465474 recovered outside the upper control limits. The CCB was non-detect for all target analytes.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Organic Prep

No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Preliminary Data

Definitions/Glossary

Client: Weston Solutions, Inc.
Project/Site: Property 006

TestAmerica Job ID: 490-137889-1

Qualifiers

GC/MS Semi VOA

Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected.
X	Surrogate is outside control limits
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
*	ISTD response or retention time outside acceptable limits

Metals

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
U	Indicates the analyte was analyzed for but not detected.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
□	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: Property 006

TestAmerica Job ID: 490-137889-1

Client Sample ID: WOR006-012-36-171002-56

Lab Sample ID: 490-137889-1

Date Collected: 10/02/17 08:00

Matrix: Solid

Date Received: 10/03/17 10:05

Percent Solids: 90.1

Method: 8270D SIM - Semivolatile Organic Compounds (GC/MS SIM)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[a]pyrene	0.0934		0.0905	0.0357	mg/Kg	⊗	10/03/17 12:54	10/04/17 10:26	25
Fluorene	0.308		0.0549	0.0384	mg/Kg	⊗	10/03/17 12:54	10/03/17 17:26	10
Acenaphthylene	0.0198	U	0.0362	0.0198	mg/Kg	⊗	10/03/17 12:54	10/03/17 17:26	10
Benzo[g,h,i]perylene	0.0541	J	0.0905	0.0384	mg/Kg	⊗	10/03/17 12:54	10/04/17 10:26	25
Phenanthrene	0.644		0.0362	0.0187	mg/Kg	⊗	10/03/17 12:54	10/03/17 17:26	10
Benzo[k]fluoranthene	0.0494	U	0.0905	0.0494	mg/Kg	⊗	10/03/17 12:54	10/04/17 10:26	25
Anthracene	0.0143	U	0.0362	0.0143	mg/Kg	⊗	10/03/17 12:54	10/03/17 17:26	10
2-Methylnaphthalene	1.60		0.0362	0.0230	mg/Kg	⊗	10/03/17 12:54	10/03/17 17:26	10
Pyrene	0.364		0.0362	0.0165	mg/Kg	⊗	10/03/17 12:54	10/03/17 17:26	10
Dibenz(a,h)anthracene	0.0412	U	0.0905	0.0412	mg/Kg	⊗	10/03/17 12:54	10/04/17 10:26	25
Naphthalene	0.269		0.0362	0.0241	mg/Kg	⊗	10/03/17 12:54	10/03/17 17:26	10
Fluoranthene	0.0889		0.0362	0.0154	mg/Kg	⊗	10/03/17 12:54	10/03/17 17:26	10
1-Methylnaphthalene	0.983		0.0362	0.0198	mg/Kg	⊗	10/03/17 12:54	10/03/17 17:26	10
Benzo[a]anthracene	0.148		0.0362	0.0132	mg/Kg	⊗	10/03/17 12:54	10/03/17 17:26	10
Indeno[1,2,3-cd]pyrene	0.0439	U	0.0905	0.0439	mg/Kg	⊗	10/03/17 12:54	10/04/17 10:26	25
Chrysene	0.335		0.0362	0.0132	mg/Kg	⊗	10/03/17 12:54	10/03/17 17:26	10
Acenaphthene	0.228		0.0362	0.0241	mg/Kg	⊗	10/03/17 12:54	10/03/17 17:26	10
Benzo[b]fluoranthene	0.146		0.0905	0.0604	mg/Kg	⊗	10/03/17 12:54	10/04/17 10:26	25

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl (Surr)	109		29 - 120	10/03/17 12:54	10/03/17 17:26	10
Nitrobenzene-d5	247	X	27 - 120	10/03/17 12:54	10/03/17 17:26	10
Terphenyl-d14	85		13 - 120	10/03/17 12:54	10/03/17 17:26	10

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	9.9		0.1	0.1	%		10/03/17 11:39		1
Percent Solids	90.1		0.1	0.1	%		10/03/17 11:39		1

TestAmerica Nashville

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: Property 006

TestAmerica Job ID: 490-137889-1

Client Sample ID: WOR006-011-36-171002-56

Lab Sample ID: 490-137889-2

Date Collected: 10/02/17 08:20

Matrix: Solid

Date Received: 10/03/17 10:05

Percent Solids: 87.7

Method: 8270D SIM - Semivolatile Organic Compounds (GC/MS SIM)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[a]pyrene	0.0370	U	0.0939	0.0370	mg/Kg	✉	10/03/17 12:54	10/04/17 10:46	25
Fluorene	0.141		0.0569	0.0398	mg/Kg	✉	10/03/17 12:54	10/03/17 17:46	10
Acenaphthylene	0.0205	U	0.0376	0.0205	mg/Kg	✉	10/03/17 12:54	10/03/17 17:46	10
Benzo[g,h,i]perylene	0.0398	U	0.0939	0.0398	mg/Kg	✉	10/03/17 12:54	10/04/17 10:46	25
Phenanthrene	0.316		0.0376	0.0193	mg/Kg	✉	10/03/17 12:54	10/03/17 17:46	10
Benzo[k]fluoranthene	0.0512	U	0.0939	0.0512	mg/Kg	✉	10/03/17 12:54	10/04/17 10:46	25
Anthracene	0.0148	U	0.0376	0.0148	mg/Kg	✉	10/03/17 12:54	10/03/17 17:46	10
2-Methylnaphthalene	0.158		0.0376	0.0239	mg/Kg	✉	10/03/17 12:54	10/03/17 17:46	10
Pyrene	0.179		0.0376	0.0171	mg/Kg	✉	10/03/17 12:54	10/03/17 17:46	10
Dibenz(a,h)anthracene	0.0427	U	0.0939	0.0427	mg/Kg	✉	10/03/17 12:54	10/04/17 10:46	25
Naphthalene	0.0250	U	0.0376	0.0250	mg/Kg	✉	10/03/17 12:54	10/03/17 17:46	10
Fluoranthene	0.0658		0.0376	0.0159	mg/Kg	✉	10/03/17 12:54	10/03/17 17:46	10
1-Methylnaphthalene	0.145		0.0376	0.0205	mg/Kg	✉	10/03/17 12:54	10/03/17 17:46	10
Benzo[a]anthracene	0.0638		0.0376	0.0137	mg/Kg	✉	10/03/17 12:54	10/03/17 17:46	10
Indeno[1,2,3-cd]pyrene	0.0455	U	0.0939	0.0455	mg/Kg	✉	10/03/17 12:54	10/04/17 10:46	25
Chrysene	0.226		0.0376	0.0137	mg/Kg	✉	10/03/17 12:54	10/03/17 17:46	10
Acenaphthene	0.0250	U	0.0376	0.0250	mg/Kg	✉	10/03/17 12:54	10/03/17 17:46	10
Benzo[b]fluoranthene	0.0739	J	0.0939	0.0626	mg/Kg	✉	10/03/17 12:54	10/04/17 10:46	25

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl (Surr)	97		29 - 120	10/03/17 12:54	10/03/17 17:46	10
Nitrobenzene-d5	255	X	27 - 120	10/03/17 12:54	10/03/17 17:46	10
Terphenyl-d14	95		13 - 120	10/03/17 12:54	10/03/17 17:46	10

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	12.3		0.1	0.1	%			10/03/17 11:39	1
Percent Solids	87.7		0.1	0.1	%			10/03/17 11:39	1

TestAmerica Nashville

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: Property 006

TestAmerica Job ID: 490-137889-1

Client Sample ID: West-01

Date Collected: 10/02/17 14:10
Date Received: 10/03/17 10:05

Lab Sample ID: 490-137889-3

Matrix: Solid

Percent Solids: 98.5

Method: 8270D SIM - Semivolatile Organic Compounds (GC/MS SIM)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[a]pyrene	0.118 *		0.0334	0.0132	mg/Kg	✉	10/03/17 12:54	10/03/17 18:06	10
Fluorene	0.0474 J		0.0506	0.0354	mg/Kg	✉	10/03/17 12:54	10/03/17 18:06	10
Acenaphthylene	0.0182 U		0.0334	0.0182	mg/Kg	✉	10/03/17 12:54	10/03/17 18:06	10
Benzo[g,h,i]perylene	0.132 *		0.0334	0.0142	mg/Kg	✉	10/03/17 12:54	10/03/17 18:06	10
Phenanthrene	0.386		0.0334	0.0172	mg/Kg	✉	10/03/17 12:54	10/03/17 18:06	10
Benzo[k]fluoranthene	0.0335 *		0.0334	0.0182	mg/Kg	✉	10/03/17 12:54	10/03/17 18:06	10
Anthracene	0.0132 U		0.0334	0.0132	mg/Kg	✉	10/03/17 12:54	10/03/17 18:06	10
2-Methylnaphthalene	0.0655		0.0334	0.0212	mg/Kg	✉	10/03/17 12:54	10/03/17 18:06	10
Pyrene	0.315		0.0334	0.0152	mg/Kg	✉	10/03/17 12:54	10/03/17 18:06	10
Dibenz(a,h)anthracene	0.0466 *		0.0334	0.0152	mg/Kg	✉	10/03/17 12:54	10/03/17 18:06	10
Naphthalene	0.0223 U		0.0334	0.0223	mg/Kg	✉	10/03/17 12:54	10/03/17 18:06	10
Fluoranthene	0.0547		0.0334	0.0142	mg/Kg	✉	10/03/17 12:54	10/03/17 18:06	10
1-Methylnaphthalene	0.0182 U		0.0334	0.0182	mg/Kg	✉	10/03/17 12:54	10/03/17 18:06	10
Benzo[a]anthracene	0.124		0.0334	0.0121	mg/Kg	✉	10/03/17 12:54	10/03/17 18:06	10
Indeno[1,2,3-cd]pyrene	0.106 *		0.0334	0.0162	mg/Kg	✉	10/03/17 12:54	10/03/17 18:06	10
Chrysene	0.396		0.0334	0.0121	mg/Kg	✉	10/03/17 12:54	10/03/17 18:06	10
Acenaphthene	0.0223 U		0.0334	0.0223	mg/Kg	✉	10/03/17 12:54	10/03/17 18:06	10
Benzo[b]fluoranthene	0.144 *		0.0334	0.0223	mg/Kg	✉	10/03/17 12:54	10/03/17 18:06	10
Surrogate		%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl (Surr)	19	X		29 - 120			10/03/17 12:54	10/03/17 18:06	10
Nitrobenzene-d5	32			27 - 120			10/03/17 12:54	10/03/17 18:06	10
Terphenyl-d14	15			13 - 120			10/03/17 12:54	10/03/17 18:06	10

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4,5-Tetrachlorobenzene	4.29	U	8.45	4.29	mg/Kg	✉	10/03/17 12:58	10/03/17 23:50	25
2,3,4,6-Tetrachlorophenol	4.59	U	8.45	4.59	mg/Kg	✉	10/03/17 12:58	10/03/17 23:50	25
2,4,5-Trichlorophenol	5.53	U	8.45	5.53	mg/Kg	✉	10/03/17 12:58	10/03/17 23:50	25
2,4,6-Trichlorophenol	4.87	U	8.45	4.87	mg/Kg	✉	10/03/17 12:58	10/03/17 23:50	25
2,4-Dichlorophenol	4.44	U	8.45	4.44	mg/Kg	✉	10/03/17 12:58	10/03/17 23:50	25
2,4-Dimethylphenol	8.50	U	17.0	8.50	mg/Kg	✉	10/03/17 12:58	10/03/17 23:50	25
2,4-Dinitrophenol	6.37	U	8.45	6.37	mg/Kg	✉	10/03/17 12:58	10/03/17 23:50	25
2,4-Dinitrotoluene	5.28	U	8.45	5.28	mg/Kg	✉	10/03/17 12:58	10/03/17 23:50	25
2,6-Dinitrotoluene	5.66	U	8.45	5.66	mg/Kg	✉	10/03/17 12:58	10/03/17 23:50	25
2-Chloronaphthalene	5.30	U	8.45	5.30	mg/Kg	✉	10/03/17 12:58	10/03/17 23:50	25
2-Chlorophenol	4.85	U	8.45	4.85	mg/Kg	✉	10/03/17 12:58	10/03/17 23:50	25
2-Methylnaphthalene	0.660	U	1.70	0.660	mg/Kg	✉	10/03/17 12:58	10/03/17 23:50	25
2-Nitroaniline	5.25	U	8.45	5.25	mg/Kg	✉	10/03/17 12:58	10/03/17 23:50	25
2-Methylphenol	5.48	U	8.45	5.48	mg/Kg	✉	10/03/17 12:58	10/03/17 23:50	25
2-Nitrophenol	6.16	U	8.45	6.16	mg/Kg	✉	10/03/17 12:58	10/03/17 23:50	25
3 & 4 Methylphenol	5.15	U	8.45	5.15	mg/Kg	✉	10/03/17 12:58	10/03/17 23:50	25
3,3'-Dichlorobenzidine	5.18	U	17.0	5.18	mg/Kg	✉	10/03/17 12:58	10/03/17 23:50	25
3-Nitroaniline	5.84	U	17.0	5.84	mg/Kg	✉	10/03/17 12:58	10/03/17 23:50	25
4,6-Dinitro-2-methylphenol	5.81	U	8.45	5.81	mg/Kg	✉	10/03/17 12:58	10/03/17 23:50	25
4-Bromophenyl phenyl ether	5.20	U	8.45	5.20	mg/Kg	✉	10/03/17 12:58	10/03/17 23:50	25
4-Chloro-3-methylphenol	4.26	U	8.45	4.26	mg/Kg	✉	10/03/17 12:58	10/03/17 23:50	25
4-Chloroaniline	5.76	U	8.45	5.76	mg/Kg	✉	10/03/17 12:58	10/03/17 23:50	25
4-Chlorophenyl phenyl ether	5.10	U	8.45	5.10	mg/Kg	✉	10/03/17 12:58	10/03/17 23:50	25
4-Nitroaniline	6.04	U	17.0	6.04	mg/Kg	✉	10/03/17 12:58	10/03/17 23:50	25

TestAmerica Nashville

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: Property 006

TestAmerica Job ID: 490-137889-1

Client Sample ID: West-01
Date Collected: 10/02/17 14:10
Date Received: 10/03/17 10:05

Lab Sample ID: 490-137889-3
Matrix: Solid
Percent Solids: 98.5

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Nitrophenol	9.69	U	17.0	9.69	mg/Kg	⌚	10/03/17 12:58	10/03/17 23:50	25
Acenaphthene	0.812	U	1.70	0.812	mg/Kg	⌚	10/03/17 12:58	10/03/17 23:50	25
Acenaphthylene	0.736	U	1.70	0.736	mg/Kg	⌚	10/03/17 12:58	10/03/17 23:50	25
Acetophenone	4.72	U	8.45	4.72	mg/Kg	⌚	10/03/17 12:58	10/03/17 23:50	25
Anthracene	0.736	U	1.70	0.736	mg/Kg	⌚	10/03/17 12:58	10/03/17 23:50	25
Atrazine	4.26	U	8.45	4.26	mg/Kg	⌚	10/03/17 12:58	10/03/17 23:50	25
Benzo[a]anthracene	0.761	U	1.70	0.761	mg/Kg	⌚	10/03/17 12:58	10/03/17 23:50	25
Benzo[a]pyrene	0.685	U	1.70	0.685	mg/Kg	⌚	10/03/17 12:58	10/03/17 23:50	25
Benzo[b]fluoranthene	0.710	U	1.70	0.710	mg/Kg	⌚	10/03/17 12:58	10/03/17 23:50	25
Benzo[g,h,i]perylene	0.837	U	1.70	0.837	mg/Kg	⌚	10/03/17 12:58	10/03/17 23:50	25
Benzo[k]fluoranthene	0.685	U	1.70	0.685	mg/Kg	⌚	10/03/17 12:58	10/03/17 23:50	25
Benzaldehyde	6.44	U	17.0	6.44	mg/Kg	⌚	10/03/17 12:58	10/03/17 23:50	25
Bis(2-chloroethoxy)methane	5.07	U	8.45	5.07	mg/Kg	⌚	10/03/17 12:58	10/03/17 23:50	25
Biphenyl	4.79	U	8.45	4.79	mg/Kg	⌚	10/03/17 12:58	10/03/17 23:50	25
Bis(2-chloroethyl)ether	5.40	U	8.45	5.40	mg/Kg	⌚	10/03/17 12:58	10/03/17 23:50	25
bis (2-chloroisopropyl) ether	5.02	U	8.45	5.02	mg/Kg	⌚	10/03/17 12:58	10/03/17 23:50	25
Butyl benzyl phthalate	5.45	U	8.45	5.45	mg/Kg	⌚	10/03/17 12:58	10/03/17 23:50	25
Bis(2-ethylhexyl) phthalate	5.25	U	8.45	5.25	mg/Kg	⌚	10/03/17 12:58	10/03/17 23:50	25
Carbazole	5.25	U	8.45	5.25	mg/Kg	⌚	10/03/17 12:58	10/03/17 23:50	25
Caprolactam	3.93	U	8.45	3.93	mg/Kg	⌚	10/03/17 12:58	10/03/17 23:50	25
Chrysene	0.939	U	1.70	0.939	mg/Kg	⌚	10/03/17 12:58	10/03/17 23:50	25
Dibenz(a,h)anthracene	0.812	U	1.70	0.812	mg/Kg	⌚	10/03/17 12:58	10/03/17 23:50	25
Dibenzofuran	5.33	U	8.45	5.33	mg/Kg	⌚	10/03/17 12:58	10/03/17 23:50	25
Diethyl phthalate	5.38	U	8.45	5.38	mg/Kg	⌚	10/03/17 12:58	10/03/17 23:50	25
Dimethyl phthalate	5.25	U	8.45	5.25	mg/Kg	⌚	10/03/17 12:58	10/03/17 23:50	25
Di-n-butyl phthalate	5.35	U	8.45	5.35	mg/Kg	⌚	10/03/17 12:58	10/03/17 23:50	25
Fluorene	0.736	U	1.70	0.736	mg/Kg	⌚	10/03/17 12:58	10/03/17 23:50	25
Di-n-octyl phthalate	4.52	U	8.45	4.52	mg/Kg	⌚	10/03/17 12:58	10/03/17 23:50	25
Hexachlorobenzene	6.34	U	8.45	6.34	mg/Kg	⌚	10/03/17 12:58	10/03/17 23:50	25
Hexachlorobutadiene	4.24	U	8.45	4.24	mg/Kg	⌚	10/03/17 12:58	10/03/17 23:50	25
Hexachlorocyclopentadiene	3.81	U	8.45	3.81	mg/Kg	⌚	10/03/17 12:58	10/03/17 23:50	25
Hexachloroethane	4.59	U	8.45	4.59	mg/Kg	⌚	10/03/17 12:58	10/03/17 23:50	25
Indeno[1,2,3-cd]pyrene	0.736	U	1.70	0.736	mg/Kg	⌚	10/03/17 12:58	10/03/17 23:50	25
Isophorone	4.77	U	8.45	4.77	mg/Kg	⌚	10/03/17 12:58	10/03/17 23:50	25
Naphthalene	0.736	U	1.70	0.736	mg/Kg	⌚	10/03/17 12:58	10/03/17 23:50	25
Nitrobenzene	5.10	U	8.45	5.10	mg/Kg	⌚	10/03/17 12:58	10/03/17 23:50	25
N-Nitrosodi-n-propylamine	4.92	U	8.45	4.92	mg/Kg	⌚	10/03/17 12:58	10/03/17 23:50	25
n-Nitrosodiphenylamine(as diphenylamine)	1.34	U	8.45	1.34	mg/Kg	⌚	10/03/17 12:58	10/03/17 23:50	25
Pentachlorophenol	6.75	U	17.0	6.75	mg/Kg	⌚	10/03/17 12:58	10/03/17 23:50	25
Phenanthrene	0.863	U	1.70	0.863	mg/Kg	⌚	10/03/17 12:58	10/03/17 23:50	25
Phenol	5.15	U	8.45	5.15	mg/Kg	⌚	10/03/17 12:58	10/03/17 23:50	25
Pyrene	0.863	U	1.70	0.863	mg/Kg	⌚	10/03/17 12:58	10/03/17 23:50	25
Fluoranthene	0.863	U	1.70	0.863	mg/Kg	⌚	10/03/17 12:58	10/03/17 23:50	25
1,2,4-Trichlorobenzene	4.59	U	8.45	4.59	mg/Kg	⌚	10/03/17 12:58	10/03/17 23:50	25
1,2-Dichlorobenzene	4.82	U	8.45	4.82	mg/Kg	⌚	10/03/17 12:58	10/03/17 23:50	25
1,3-Dichlorobenzene	4.82	U	8.45	4.82	mg/Kg	⌚	10/03/17 12:58	10/03/17 23:50	25
1,4-Dichlorobenzene	4.97	U	8.45	4.97	mg/Kg	⌚	10/03/17 12:58	10/03/17 23:50	25
Benzidine	5.18	U	8.45	5.18	mg/Kg	⌚	10/03/17 12:58	10/03/17 23:50	25
Benzyl alcohol	4.92	U	8.45	4.92	mg/Kg	⌚	10/03/17 12:58	10/03/17 23:50	25

TestAmerica Nashville

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: Property 006

TestAmerica Job ID: 490-137889-1

Client Sample ID: West-01
Date Collected: 10/02/17 14:10
Date Received: 10/03/17 10:05

Lab Sample ID: 490-137889-3
Matrix: Solid
Percent Solids: 98.5

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-Nitrosodimethylamine	0.507	U	8.45	0.507	mg/Kg	⌚	10/03/17 12:58	10/03/17 23:50	25
Surrogate									
2,4,6-Tribromophenol (Surr)	84		10 - 120			⌚	10/03/17 12:58	10/03/17 23:50	25
2-Fluorobiphenyl (Surr)	40		29 - 120			⌚	10/03/17 12:58	10/03/17 23:50	25
2-Fluorophenol (Surr)	45		10 - 120			⌚	10/03/17 12:58	10/03/17 23:50	25
Nitrobenzene-d5 (Surr)	41		27 - 120			⌚	10/03/17 12:58	10/03/17 23:50	25
Phenol-d5 (Surr)	33		10 - 120			⌚	10/03/17 12:58	10/03/17 23:50	25
Terphenyl-d14 (Surr)	43		13 - 120			⌚	10/03/17 12:58	10/03/17 23:50	25

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Iron	11000		38.1	19.1	mg/Kg	⌚	10/03/17 15:16	10/04/17 15:04	1

Method: 6020A - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	1810		4.76	1.91	mg/Kg	⌚	10/03/17 15:16	10/04/17 14:13	1
Antimony	0.241	J	0.476	0.191	mg/Kg	⌚	10/03/17 15:16	10/04/17 14:13	1
Arsenic	1.63		0.476	0.191	mg/Kg	⌚	10/03/17 15:16	10/04/17 14:13	1
Barium	20.7		0.476	0.191	mg/Kg	⌚	10/03/17 15:16	10/04/17 14:13	1
Beryllium	0.191	U	0.476	0.191	mg/Kg	⌚	10/03/17 15:16	10/04/17 14:13	1
Cadmium	0.191	U	0.476	0.191	mg/Kg	⌚	10/03/17 15:16	10/04/17 14:13	1
Calcium	228		47.6	23.8	mg/Kg	⌚	10/03/17 15:16	10/04/17 14:13	1
Chromium	4.46		0.476	0.191	mg/Kg	⌚	10/03/17 15:16	10/04/17 14:13	1
Cobalt	6.56		0.476	0.191	mg/Kg	⌚	10/03/17 15:16	10/04/17 14:13	1
Copper	3.96		0.476	0.191	mg/Kg	⌚	10/03/17 15:16	10/04/17 14:13	1
Lead	11.5		0.476	0.191	mg/Kg	⌚	10/03/17 15:16	10/04/17 14:13	1
Magnesium	130		47.6	23.8	mg/Kg	⌚	10/03/17 15:16	10/04/17 14:13	1
Manganese	1020		2.38	0.953	mg/Kg	⌚	10/03/17 15:16	10/05/17 16:26	5
Nickel	5.69		0.476	0.191	mg/Kg	⌚	10/03/17 15:16	10/04/17 14:13	1
Potassium	181		47.6	23.8	mg/Kg	⌚	10/03/17 15:16	10/04/17 14:13	1
Selenium	0.953	U	2.38	0.953	mg/Kg	⌚	10/03/17 15:16	10/05/17 16:26	5
Silver	0.0953	U	0.476	0.0953	mg/Kg	⌚	10/03/17 15:16	10/04/17 14:13	1
Sodium	68.8		47.6	23.8	mg/Kg	⌚	10/03/17 15:16	10/04/17 14:13	1
Thallium	0.191	U	0.476	0.191	mg/Kg	⌚	10/03/17 15:16	10/04/17 14:13	1
Vanadium	10.2		0.476	0.191	mg/Kg	⌚	10/03/17 15:16	10/04/17 14:13	1
Zinc	43.6		23.8	9.53	mg/Kg	⌚	10/03/17 15:16	10/05/17 16:26	5

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.0355	J	0.0975	0.0292	mg/Kg	⌚	10/03/17 13:35	10/03/17 17:28	1

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	1.5		0.1	0.1	%			10/03/17 11:39	1
Percent Solids	98.5		0.1	0.1	%			10/03/17 11:39	1

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: Property 006

TestAmerica Job ID: 490-137889-1

Client Sample ID: West-02

Date Collected: 10/02/17 14:20
Date Received: 10/03/17 10:05

Lab Sample ID: 490-137889-4

Matrix: Solid

Percent Solids: 98.6

Method: 8270D SIM - Semivolatile Organic Compounds (GC/MS SIM)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[a]pyrene	0.0731	*	0.0333	0.0131	mg/Kg	⌚	10/03/17 12:54	10/03/17 18:26	10
Fluorene	0.0353	U	0.0505	0.0353	mg/Kg	⌚	10/03/17 12:54	10/03/17 18:26	10
Acenaphthylene	0.0247	J	0.0333	0.0182	mg/Kg	⌚	10/03/17 12:54	10/03/17 18:26	10
Benzo[g,h,i]perylene	0.136	*	0.0333	0.0141	mg/Kg	⌚	10/03/17 12:54	10/03/17 18:26	10
Phenanthrene	0.0318	J	0.0333	0.0172	mg/Kg	⌚	10/03/17 12:54	10/03/17 18:26	10
Benzo[k]fluoranthene	0.0395	*	0.0333	0.0182	mg/Kg	⌚	10/03/17 12:54	10/03/17 18:26	10
Anthracene	0.0131	U	0.0333	0.0131	mg/Kg	⌚	10/03/17 12:54	10/03/17 18:26	10
2-Methylnaphthalene	0.0212	U	0.0333	0.0212	mg/Kg	⌚	10/03/17 12:54	10/03/17 18:26	10
Pyrene	0.0959		0.0333	0.0151	mg/Kg	⌚	10/03/17 12:54	10/03/17 18:26	10
Dibenz(a,h)anthracene	0.0151	U *	0.0333	0.0151	mg/Kg	⌚	10/03/17 12:54	10/03/17 18:26	10
Naphthalene	0.0222	U	0.0333	0.0222	mg/Kg	⌚	10/03/17 12:54	10/03/17 18:26	10
Fluoranthene	0.0624		0.0333	0.0141	mg/Kg	⌚	10/03/17 12:54	10/03/17 18:26	10
1-Methylnaphthalene	0.0182	U	0.0333	0.0182	mg/Kg	⌚	10/03/17 12:54	10/03/17 18:26	10
Benzo[a]anthracene	0.0570		0.0333	0.0121	mg/Kg	⌚	10/03/17 12:54	10/03/17 18:26	10
Indeno[1,2,3-cd]pyrene	0.0954	*	0.0333	0.0162	mg/Kg	⌚	10/03/17 12:54	10/03/17 18:26	10
Chrysene	0.195		0.0333	0.0121	mg/Kg	⌚	10/03/17 12:54	10/03/17 18:26	10
Acenaphthene	0.0222	U	0.0333	0.0222	mg/Kg	⌚	10/03/17 12:54	10/03/17 18:26	10
Benzo[b]fluoranthene	0.139	*	0.0333	0.0222	mg/Kg	⌚	10/03/17 12:54	10/03/17 18:26	10
Surrogate		%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl (Surr)	19	X		29 - 120			10/03/17 12:54	10/03/17 18:26	10
Nitrobenzene-d5	17	X		27 - 120			10/03/17 12:54	10/03/17 18:26	10
Terphenyl-d14	20			13 - 120			10/03/17 12:54	10/03/17 18:26	10

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4,5-Tetrachlorobenzene	4.26	U	8.39	4.26	mg/Kg	⌚	10/03/17 12:58	10/04/17 00:09	25
2,3,4,6-Tetrachlorophenol	4.56	U	8.39	4.56	mg/Kg	⌚	10/03/17 12:58	10/04/17 00:09	25
2,4,5-Trichlorophenol	5.49	U	8.39	5.49	mg/Kg	⌚	10/03/17 12:58	10/04/17 00:09	25
2,4,6-Trichlorophenol	4.84	U	8.39	4.84	mg/Kg	⌚	10/03/17 12:58	10/04/17 00:09	25
2,4-Dichlorophenol	4.41	U	8.39	4.41	mg/Kg	⌚	10/03/17 12:58	10/04/17 00:09	25
2,4-Dimethylphenol	8.44	U	16.9	8.44	mg/Kg	⌚	10/03/17 12:58	10/04/17 00:09	25
2,4-Dinitrophenol	6.33	U	8.39	6.33	mg/Kg	⌚	10/03/17 12:58	10/04/17 00:09	25
2,4-Dinitrotoluene	5.24	U	8.39	5.24	mg/Kg	⌚	10/03/17 12:58	10/04/17 00:09	25
2,6-Dinitrotoluene	5.62	U	8.39	5.62	mg/Kg	⌚	10/03/17 12:58	10/04/17 00:09	25
2-Chloronaphthalene	5.27	U	8.39	5.27	mg/Kg	⌚	10/03/17 12:58	10/04/17 00:09	25
2-Chlorophenol	4.81	U	8.39	4.81	mg/Kg	⌚	10/03/17 12:58	10/04/17 00:09	25
2-Methylnaphthalene	0.655	U	1.69	0.655	mg/Kg	⌚	10/03/17 12:58	10/04/17 00:09	25
2-Nitroaniline	5.22	U	8.39	5.22	mg/Kg	⌚	10/03/17 12:58	10/04/17 00:09	25
2-Methylphenol	5.44	U	8.39	5.44	mg/Kg	⌚	10/03/17 12:58	10/04/17 00:09	25
2-Nitrophenol	6.12	U	8.39	6.12	mg/Kg	⌚	10/03/17 12:58	10/04/17 00:09	25
3 & 4 Methylphenol	5.12	U	8.39	5.12	mg/Kg	⌚	10/03/17 12:58	10/04/17 00:09	25
3,3'-Dichlorobenzidine	5.14	U	16.9	5.14	mg/Kg	⌚	10/03/17 12:58	10/04/17 00:09	25
3-Nitroaniline	5.80	U	16.9	5.80	mg/Kg	⌚	10/03/17 12:58	10/04/17 00:09	25
4,6-Dinitro-2-methylphenol	5.77	U	8.39	5.77	mg/Kg	⌚	10/03/17 12:58	10/04/17 00:09	25
4-Bromophenyl phenyl ether	5.17	U	8.39	5.17	mg/Kg	⌚	10/03/17 12:58	10/04/17 00:09	25
4-Chloro-3-methylphenol	4.23	U	8.39	4.23	mg/Kg	⌚	10/03/17 12:58	10/04/17 00:09	25
4-Chloroaniline	5.72	U	8.39	5.72	mg/Kg	⌚	10/03/17 12:58	10/04/17 00:09	25
4-Chlorophenyl phenyl ether	5.07	U	8.39	5.07	mg/Kg	⌚	10/03/17 12:58	10/04/17 00:09	25
4-Nitroaniline	6.00	U	16.9	6.00	mg/Kg	⌚	10/03/17 12:58	10/04/17 00:09	25

TestAmerica Nashville

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: Property 006

TestAmerica Job ID: 490-137889-1

Client Sample ID: West-02
Date Collected: 10/02/17 14:20
Date Received: 10/03/17 10:05

Lab Sample ID: 490-137889-4
Matrix: Solid
Percent Solids: 98.6

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Nitrophenol	9.63	U	16.9	9.63	mg/Kg	⌚	10/03/17 12:58	10/04/17 00:09	25
Acenaphthene	0.806	U	1.69	0.806	mg/Kg	⌚	10/03/17 12:58	10/04/17 00:09	25
Acenaphthylene	0.731	U	1.69	0.731	mg/Kg	⌚	10/03/17 12:58	10/04/17 00:09	25
Acetophenone	4.69	U	8.39	4.69	mg/Kg	⌚	10/03/17 12:58	10/04/17 00:09	25
Anthracene	0.731	U	1.69	0.731	mg/Kg	⌚	10/03/17 12:58	10/04/17 00:09	25
Atrazine	4.23	U	8.39	4.23	mg/Kg	⌚	10/03/17 12:58	10/04/17 00:09	25
Benzo[a]anthracene	0.756	U	1.69	0.756	mg/Kg	⌚	10/03/17 12:58	10/04/17 00:09	25
Benzo[a]pyrene	0.680	U	1.69	0.680	mg/Kg	⌚	10/03/17 12:58	10/04/17 00:09	25
Benzo[b]fluoranthene	0.706	U	1.69	0.706	mg/Kg	⌚	10/03/17 12:58	10/04/17 00:09	25
Benzo[g,h,i]perylene	0.832	U	1.69	0.832	mg/Kg	⌚	10/03/17 12:58	10/04/17 00:09	25
Benzo[k]fluoranthene	0.680	U	1.69	0.680	mg/Kg	⌚	10/03/17 12:58	10/04/17 00:09	25
Benzaldehyde	6.40	U	16.9	6.40	mg/Kg	⌚	10/03/17 12:58	10/04/17 00:09	25
Bis(2-chloroethoxy)methane	5.04	U	8.39	5.04	mg/Kg	⌚	10/03/17 12:58	10/04/17 00:09	25
Biphenyl	4.76	U	8.39	4.76	mg/Kg	⌚	10/03/17 12:58	10/04/17 00:09	25
Bis(2-chloroethyl)ether	5.37	U	8.39	5.37	mg/Kg	⌚	10/03/17 12:58	10/04/17 00:09	25
bis (2-chloroisopropyl) ether	4.99	U	8.39	4.99	mg/Kg	⌚	10/03/17 12:58	10/04/17 00:09	25
Butyl benzyl phthalate	5.42	U	8.39	5.42	mg/Kg	⌚	10/03/17 12:58	10/04/17 00:09	25
Bis(2-ethylhexyl) phthalate	5.22	U	8.39	5.22	mg/Kg	⌚	10/03/17 12:58	10/04/17 00:09	25
Carbazole	5.22	U	8.39	5.22	mg/Kg	⌚	10/03/17 12:58	10/04/17 00:09	25
Caprolactam	3.91	U	8.39	3.91	mg/Kg	⌚	10/03/17 12:58	10/04/17 00:09	25
Chrysene	0.932	U	1.69	0.932	mg/Kg	⌚	10/03/17 12:58	10/04/17 00:09	25
Dibenz(a,h)anthracene	0.806	U	1.69	0.806	mg/Kg	⌚	10/03/17 12:58	10/04/17 00:09	25
Dibenzofuran	5.29	U	8.39	5.29	mg/Kg	⌚	10/03/17 12:58	10/04/17 00:09	25
Diethyl phthalate	5.34	U	8.39	5.34	mg/Kg	⌚	10/03/17 12:58	10/04/17 00:09	25
Dimethyl phthalate	5.22	U	8.39	5.22	mg/Kg	⌚	10/03/17 12:58	10/04/17 00:09	25
Di-n-butyl phthalate	5.32	U	8.39	5.32	mg/Kg	⌚	10/03/17 12:58	10/04/17 00:09	25
Fluorene	0.731	U	1.69	0.731	mg/Kg	⌚	10/03/17 12:58	10/04/17 00:09	25
Di-n-octyl phthalate	4.49	U	8.39	4.49	mg/Kg	⌚	10/03/17 12:58	10/04/17 00:09	25
Hexachlorobenzene	6.30	U	8.39	6.30	mg/Kg	⌚	10/03/17 12:58	10/04/17 00:09	25
Hexachlorobutadiene	4.21	U	8.39	4.21	mg/Kg	⌚	10/03/17 12:58	10/04/17 00:09	25
Hexachlorocyclopentadiene	3.78	U	8.39	3.78	mg/Kg	⌚	10/03/17 12:58	10/04/17 00:09	25
Hexachloroethane	4.56	U	8.39	4.56	mg/Kg	⌚	10/03/17 12:58	10/04/17 00:09	25
Indeno[1,2,3-cd]pyrene	0.731	U	1.69	0.731	mg/Kg	⌚	10/03/17 12:58	10/04/17 00:09	25
Isophorone	4.74	U	8.39	4.74	mg/Kg	⌚	10/03/17 12:58	10/04/17 00:09	25
Naphthalene	0.731	U	1.69	0.731	mg/Kg	⌚	10/03/17 12:58	10/04/17 00:09	25
Nitrobenzene	5.07	U	8.39	5.07	mg/Kg	⌚	10/03/17 12:58	10/04/17 00:09	25
N-Nitrosodi-n-propylamine	4.89	U	8.39	4.89	mg/Kg	⌚	10/03/17 12:58	10/04/17 00:09	25
n-Nitrosodiphenylamine(as diphenylamine)	1.34	U	8.39	1.34	mg/Kg	⌚	10/03/17 12:58	10/04/17 00:09	25
Pentachlorophenol	6.70	U	16.9	6.70	mg/Kg	⌚	10/03/17 12:58	10/04/17 00:09	25
Phenanthrene	0.857	U	1.69	0.857	mg/Kg	⌚	10/03/17 12:58	10/04/17 00:09	25
Phenol	5.12	U	8.39	5.12	mg/Kg	⌚	10/03/17 12:58	10/04/17 00:09	25
Pyrene	0.857	U	1.69	0.857	mg/Kg	⌚	10/03/17 12:58	10/04/17 00:09	25
Fluoranthene	0.857	U	1.69	0.857	mg/Kg	⌚	10/03/17 12:58	10/04/17 00:09	25
1,2,4-Trichlorobenzene	4.56	U	8.39	4.56	mg/Kg	⌚	10/03/17 12:58	10/04/17 00:09	25
1,2-Dichlorobenzene	4.79	U	8.39	4.79	mg/Kg	⌚	10/03/17 12:58	10/04/17 00:09	25
1,3-Dichlorobenzene	4.79	U	8.39	4.79	mg/Kg	⌚	10/03/17 12:58	10/04/17 00:09	25
1,4-Dichlorobenzene	4.94	U	8.39	4.94	mg/Kg	⌚	10/03/17 12:58	10/04/17 00:09	25
Benzidine	5.14	U	8.39	5.14	mg/Kg	⌚	10/03/17 12:58	10/04/17 00:09	25
Benzyl alcohol	4.89	U	8.39	4.89	mg/Kg	⌚	10/03/17 12:58	10/04/17 00:09	25

TestAmerica Nashville

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: Property 006

TestAmerica Job ID: 490-137889-1

Client Sample ID: West-02
Date Collected: 10/02/17 14:20
Date Received: 10/03/17 10:05

Lab Sample ID: 490-137889-4
Matrix: Solid
Percent Solids: 98.6

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-Nitrosodimethylamine	0.504	U	8.39	0.504	mg/Kg	⌚	10/03/17 12:58	10/04/17 00:09	25
Surrogate									
2,4,6-Tribromophenol (Surr)	67		10 - 120			⌚	10/03/17 12:58	10/04/17 00:09	25
2-Fluorobiphenyl (Surr)	10	X	29 - 120			⌚	10/03/17 12:58	10/04/17 00:09	25
2-Fluorophenol (Surr)	16		10 - 120			⌚	10/03/17 12:58	10/04/17 00:09	25
Nitrobenzene-d5 (Surr)	12	X	27 - 120			⌚	10/03/17 12:58	10/04/17 00:09	25
Phenol-d5 (Surr)	9	X	10 - 120			⌚	10/03/17 12:58	10/04/17 00:09	25
Terphenyl-d14 (Surr)	13		13 - 120			⌚	10/03/17 12:58	10/04/17 00:09	25

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Iron	8290		40.6	20.3	mg/Kg	⌚	10/03/17 15:16	10/04/17 15:09	1

Method: 6020A - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	3480		5.07	2.03	mg/Kg	⌚	10/03/17 15:16	10/04/17 14:18	1
Antimony	0.300	J	0.507	0.203	mg/Kg	⌚	10/03/17 15:16	10/04/17 14:18	1
Arsenic	2.19		0.507	0.203	mg/Kg	⌚	10/03/17 15:16	10/04/17 14:18	1
Barium	35.3		0.507	0.203	mg/Kg	⌚	10/03/17 15:16	10/04/17 14:18	1
Beryllium	0.214	J	0.507	0.203	mg/Kg	⌚	10/03/17 15:16	10/04/17 14:18	1
Cadmium	0.253	J	0.507	0.203	mg/Kg	⌚	10/03/17 15:16	10/04/17 14:18	1
Calcium	1010		50.7	25.4	mg/Kg	⌚	10/03/17 15:16	10/04/17 14:18	1
Chromium	5.74		0.507	0.203	mg/Kg	⌚	10/03/17 15:16	10/04/17 14:18	1
Cobalt	2.36		0.507	0.203	mg/Kg	⌚	10/03/17 15:16	10/04/17 14:18	1
Copper	4.53		0.507	0.203	mg/Kg	⌚	10/03/17 15:16	10/04/17 14:18	1
Lead	36.9		0.507	0.203	mg/Kg	⌚	10/03/17 15:16	10/04/17 14:18	1
Magnesium	431		50.7	25.4	mg/Kg	⌚	10/03/17 15:16	10/04/17 14:18	1
Manganese	90.5		0.507	0.203	mg/Kg	⌚	10/03/17 15:16	10/04/17 14:18	1
Nickel	3.80		0.507	0.203	mg/Kg	⌚	10/03/17 15:16	10/04/17 14:18	1
Potassium	337		50.7	25.4	mg/Kg	⌚	10/03/17 15:16	10/04/17 14:18	1
Selenium	0.337	J	0.507	0.203	mg/Kg	⌚	10/03/17 15:16	10/04/17 14:18	1
Silver	0.101	U	0.507	0.101	mg/Kg	⌚	10/03/17 15:16	10/04/17 14:18	1
Sodium	736		50.7	25.4	mg/Kg	⌚	10/03/17 15:16	10/04/17 14:18	1
Thallium	0.203	U	0.507	0.203	mg/Kg	⌚	10/03/17 15:16	10/04/17 14:18	1
Vanadium	14.7		0.507	0.203	mg/Kg	⌚	10/03/17 15:16	10/04/17 14:18	1
Zinc	31.9		5.07	2.03	mg/Kg	⌚	10/03/17 15:16	10/04/17 14:18	1

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.0385	J	0.100	0.0301	mg/Kg	⌚	10/03/17 13:35	10/03/17 17:31	1

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	1.4		0.1	0.1	%			10/03/17 11:39	1
Percent Solids	98.6		0.1	0.1	%			10/03/17 11:39	1

TestAmerica Nashville

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: Property 006

TestAmerica Job ID: 490-137889-1

Client Sample ID: North

Date Collected: 10/02/17 14:30
Date Received: 10/03/17 10:05

Lab Sample ID: 490-137889-5

Matrix: Solid

Percent Solids: 98.4

Method: 8270D SIM - Semivolatile Organic Compounds (GC/MS SIM)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[a]pyrene	0.0363	J	0.0831	0.0327	mg/Kg	⌚	10/03/17 12:54	10/03/17 18:46	25
Fluorene	0.0881	U	0.126	0.0881	mg/Kg	⌚	10/03/17 12:54	10/03/17 18:46	25
Acenaphthylene	0.0453	U	0.0831	0.0453	mg/Kg	⌚	10/03/17 12:54	10/03/17 18:46	25
Benzo[g,h,i]perylene	0.0613	J	0.0831	0.0352	mg/Kg	⌚	10/03/17 12:54	10/03/17 18:46	25
Phenanthrene	0.0428	U	0.0831	0.0428	mg/Kg	⌚	10/03/17 12:54	10/03/17 18:46	25
Benzo[k]fluoranthene	0.0453	U	0.0831	0.0453	mg/Kg	⌚	10/03/17 12:54	10/03/17 18:46	25
Anthracene	0.0327	U	0.0831	0.0327	mg/Kg	⌚	10/03/17 12:54	10/03/17 18:46	25
2-Methylnaphthalene	0.0529	U	0.0831	0.0529	mg/Kg	⌚	10/03/17 12:54	10/03/17 18:46	25
Pyrene	0.0474	J	0.0831	0.0378	mg/Kg	⌚	10/03/17 12:54	10/03/17 18:46	25
Dibenz(a,h)anthracene	0.0378	U	0.0831	0.0378	mg/Kg	⌚	10/03/17 12:54	10/03/17 18:46	25
Naphthalene	0.0554	U	0.0831	0.0554	mg/Kg	⌚	10/03/17 12:54	10/03/17 18:46	25
Fluoranthene	0.0352	U	0.0831	0.0352	mg/Kg	⌚	10/03/17 12:54	10/03/17 18:46	25
1-Methylnaphthalene	0.0453	U	0.0831	0.0453	mg/Kg	⌚	10/03/17 12:54	10/03/17 18:46	25
Benzo[a]anthracene	0.0302	U	0.0831	0.0302	mg/Kg	⌚	10/03/17 12:54	10/03/17 18:46	25
Indeno[1,2,3-cd]pyrene	0.0458	J	0.0831	0.0403	mg/Kg	⌚	10/03/17 12:54	10/03/17 18:46	25
Chrysene	0.105		0.0831	0.0302	mg/Kg	⌚	10/03/17 12:54	10/03/17 18:46	25
Acenaphthene	0.0554	U	0.0831	0.0554	mg/Kg	⌚	10/03/17 12:54	10/03/17 18:46	25
Benzo[b]fluoranthene	0.0739	J	0.0831	0.0554	mg/Kg	⌚	10/03/17 12:54	10/03/17 18:46	25
Surrogate	%Recovery	Qualifier		Limits			Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl (Surr)	6	X		29 - 120			10/03/17 12:54	10/03/17 18:46	25
Nitrobenzene-d5	5	X		27 - 120			10/03/17 12:54	10/03/17 18:46	25
Terphenyl-d14	8	X		13 - 120			10/03/17 12:54	10/03/17 18:46	25

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4,5-Tetrachlorobenzene	4.27	U	8.42	4.27	mg/Kg	⌚	10/03/17 12:58	10/04/17 00:29	25
2,3,4,6-Tetrachlorophenol	4.58	U	8.42	4.58	mg/Kg	⌚	10/03/17 12:58	10/04/17 00:29	25
2,4,5-Trichlorophenol	5.51	U	8.42	5.51	mg/Kg	⌚	10/03/17 12:58	10/04/17 00:29	25
2,4,6-Trichlorophenol	4.85	U	8.42	4.85	mg/Kg	⌚	10/03/17 12:58	10/04/17 00:29	25
2,4-Dichlorophenol	4.42	U	8.42	4.42	mg/Kg	⌚	10/03/17 12:58	10/04/17 00:29	25
2,4-Dimethylphenol	8.47	U	16.9	8.47	mg/Kg	⌚	10/03/17 12:58	10/04/17 00:29	25
2,4-Dinitrophenol	6.34	U	8.42	6.34	mg/Kg	⌚	10/03/17 12:58	10/04/17 00:29	25
2,4-Dinitrotoluene	5.26	U	8.42	5.26	mg/Kg	⌚	10/03/17 12:58	10/04/17 00:29	25
2,6-Dinitrotoluene	5.64	U	8.42	5.64	mg/Kg	⌚	10/03/17 12:58	10/04/17 00:29	25
2-Chloronaphthalene	5.28	U	8.42	5.28	mg/Kg	⌚	10/03/17 12:58	10/04/17 00:29	25
2-Chlorophenol	4.83	U	8.42	4.83	mg/Kg	⌚	10/03/17 12:58	10/04/17 00:29	25
2-Methylnaphthalene	0.657	U	1.69	0.657	mg/Kg	⌚	10/03/17 12:58	10/04/17 00:29	25
2-Nitroaniline	5.23	U	8.42	5.23	mg/Kg	⌚	10/03/17 12:58	10/04/17 00:29	25
2-Methylphenol	5.46	U	8.42	5.46	mg/Kg	⌚	10/03/17 12:58	10/04/17 00:29	25
2-Nitrophenol	6.14	U	8.42	6.14	mg/Kg	⌚	10/03/17 12:58	10/04/17 00:29	25
3 & 4 Methylphenol	5.13	U	8.42	5.13	mg/Kg	⌚	10/03/17 12:58	10/04/17 00:29	25
3,3'-Dichlorobenzidine	5.16	U	16.9	5.16	mg/Kg	⌚	10/03/17 12:58	10/04/17 00:29	25
3-Nitroaniline	5.81	U	16.9	5.81	mg/Kg	⌚	10/03/17 12:58	10/04/17 00:29	25
4,6-Dinitro-2-methylphenol	5.79	U	8.42	5.79	mg/Kg	⌚	10/03/17 12:58	10/04/17 00:29	25
4-Bromophenyl phenyl ether	5.18	U	8.42	5.18	mg/Kg	⌚	10/03/17 12:58	10/04/17 00:29	25
4-Chloro-3-methylphenol	4.25	U	8.42	4.25	mg/Kg	⌚	10/03/17 12:58	10/04/17 00:29	25
4-Chloroaniline	5.74	U	8.42	5.74	mg/Kg	⌚	10/03/17 12:58	10/04/17 00:29	25
4-Chlorophenyl phenyl ether	5.08	U	8.42	5.08	mg/Kg	⌚	10/03/17 12:58	10/04/17 00:29	25
4-Nitroaniline	6.02	U	16.9	6.02	mg/Kg	⌚	10/03/17 12:58	10/04/17 00:29	25

TestAmerica Nashville

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: Property 006

TestAmerica Job ID: 490-137889-1

Client Sample ID: North

Date Collected: 10/02/17 14:30
Date Received: 10/03/17 10:05

Lab Sample ID: 490-137889-5

Matrix: Solid

Percent Solids: 98.4

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Nitrophenol	9.66	U	16.9	9.66	mg/Kg	⌚	10/03/17 12:58	10/04/17 00:29	25
Acenaphthene	0.809	U	1.69	0.809	mg/Kg	⌚	10/03/17 12:58	10/04/17 00:29	25
Acenaphthylene	0.733	U	1.69	0.733	mg/Kg	⌚	10/03/17 12:58	10/04/17 00:29	25
Acetophenone	4.70	U	8.42	4.70	mg/Kg	⌚	10/03/17 12:58	10/04/17 00:29	25
Anthracene	0.733	U	1.69	0.733	mg/Kg	⌚	10/03/17 12:58	10/04/17 00:29	25
Atrazine	4.25	U	8.42	4.25	mg/Kg	⌚	10/03/17 12:58	10/04/17 00:29	25
Benzo[a]anthracene	0.758	U	1.69	0.758	mg/Kg	⌚	10/03/17 12:58	10/04/17 00:29	25
Benzo[a]pyrene	0.683	U	1.69	0.683	mg/Kg	⌚	10/03/17 12:58	10/04/17 00:29	25
Benzo[b]fluoranthene	0.708	U	1.69	0.708	mg/Kg	⌚	10/03/17 12:58	10/04/17 00:29	25
Benzo[g,h,i]perylene	0.834	U	1.69	0.834	mg/Kg	⌚	10/03/17 12:58	10/04/17 00:29	25
Benzo[k]fluoranthene	0.683	U	1.69	0.683	mg/Kg	⌚	10/03/17 12:58	10/04/17 00:29	25
Benzaldehyde	6.42	U	16.9	6.42	mg/Kg	⌚	10/03/17 12:58	10/04/17 00:29	25
Bis(2-chloroethoxy)methane	5.06	U	8.42	5.06	mg/Kg	⌚	10/03/17 12:58	10/04/17 00:29	25
Biphenyl	4.78	U	8.42	4.78	mg/Kg	⌚	10/03/17 12:58	10/04/17 00:29	25
Bis(2-chloroethyl)ether	5.38	U	8.42	5.38	mg/Kg	⌚	10/03/17 12:58	10/04/17 00:29	25
bis (2-chloroisopropyl) ether	5.01	U	8.42	5.01	mg/Kg	⌚	10/03/17 12:58	10/04/17 00:29	25
Butyl benzyl phthalate	5.43	U	8.42	5.43	mg/Kg	⌚	10/03/17 12:58	10/04/17 00:29	25
Bis(2-ethylhexyl) phthalate	5.23	U	8.42	5.23	mg/Kg	⌚	10/03/17 12:58	10/04/17 00:29	25
Carbazole	5.23	U	8.42	5.23	mg/Kg	⌚	10/03/17 12:58	10/04/17 00:29	25
Caprolactam	3.92	U	8.42	3.92	mg/Kg	⌚	10/03/17 12:58	10/04/17 00:29	25
Chrysene	0.935	U	1.69	0.935	mg/Kg	⌚	10/03/17 12:58	10/04/17 00:29	25
Dibenz(a,h)anthracene	0.809	U	1.69	0.809	mg/Kg	⌚	10/03/17 12:58	10/04/17 00:29	25
Dibenzofuran	5.31	U	8.42	5.31	mg/Kg	⌚	10/03/17 12:58	10/04/17 00:29	25
Diethyl phthalate	5.36	U	8.42	5.36	mg/Kg	⌚	10/03/17 12:58	10/04/17 00:29	25
Dimethyl phthalate	5.23	U	8.42	5.23	mg/Kg	⌚	10/03/17 12:58	10/04/17 00:29	25
Di-n-butyl phthalate	5.33	U	8.42	5.33	mg/Kg	⌚	10/03/17 12:58	10/04/17 00:29	25
Fluorene	0.733	U	1.69	0.733	mg/Kg	⌚	10/03/17 12:58	10/04/17 00:29	25
Di-n-octyl phthalate	4.50	U	8.42	4.50	mg/Kg	⌚	10/03/17 12:58	10/04/17 00:29	25
Hexachlorobenzene	6.32	U	8.42	6.32	mg/Kg	⌚	10/03/17 12:58	10/04/17 00:29	25
Hexachlorobutadiene	4.22	U	8.42	4.22	mg/Kg	⌚	10/03/17 12:58	10/04/17 00:29	25
Hexachlorocyclopentadiene	3.79	U	8.42	3.79	mg/Kg	⌚	10/03/17 12:58	10/04/17 00:29	25
Hexachloroethane	4.58	U	8.42	4.58	mg/Kg	⌚	10/03/17 12:58	10/04/17 00:29	25
Indeno[1,2,3-cd]pyrene	0.733	U	1.69	0.733	mg/Kg	⌚	10/03/17 12:58	10/04/17 00:29	25
Isophorone	4.75	U	8.42	4.75	mg/Kg	⌚	10/03/17 12:58	10/04/17 00:29	25
Naphthalene	0.733	U	1.69	0.733	mg/Kg	⌚	10/03/17 12:58	10/04/17 00:29	25
Nitrobenzene	5.08	U	8.42	5.08	mg/Kg	⌚	10/03/17 12:58	10/04/17 00:29	25
N-Nitrosodi-n-propylamine	4.90	U	8.42	4.90	mg/Kg	⌚	10/03/17 12:58	10/04/17 00:29	25
n-Nitrosodiphenylamine(as diphenylamine)	1.34	U	8.42	1.34	mg/Kg	⌚	10/03/17 12:58	10/04/17 00:29	25
Pentachlorophenol	6.72	U	16.9	6.72	mg/Kg	⌚	10/03/17 12:58	10/04/17 00:29	25
Phenanthrene	0.859	U	1.69	0.859	mg/Kg	⌚	10/03/17 12:58	10/04/17 00:29	25
Phenol	5.13	U	8.42	5.13	mg/Kg	⌚	10/03/17 12:58	10/04/17 00:29	25
Pyrene	0.859	U	1.69	0.859	mg/Kg	⌚	10/03/17 12:58	10/04/17 00:29	25
Fluoranthene	0.859	U	1.69	0.859	mg/Kg	⌚	10/03/17 12:58	10/04/17 00:29	25
1,2,4-Trichlorobenzene	4.58	U	8.42	4.58	mg/Kg	⌚	10/03/17 12:58	10/04/17 00:29	25
1,2-Dichlorobenzene	4.80	U	8.42	4.80	mg/Kg	⌚	10/03/17 12:58	10/04/17 00:29	25
1,3-Dichlorobenzene	4.80	U	8.42	4.80	mg/Kg	⌚	10/03/17 12:58	10/04/17 00:29	25
1,4-Dichlorobenzene	4.95	U	8.42	4.95	mg/Kg	⌚	10/03/17 12:58	10/04/17 00:29	25
Benzidine	5.16	U	8.42	5.16	mg/Kg	⌚	10/03/17 12:58	10/04/17 00:29	25
Benzyl alcohol	4.90	U	8.42	4.90	mg/Kg	⌚	10/03/17 12:58	10/04/17 00:29	25

TestAmerica Nashville

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: Property 006

TestAmerica Job ID: 490-137889-1

Client Sample ID: North

Date Collected: 10/02/17 14:30
Date Received: 10/03/17 10:05

Lab Sample ID: 490-137889-5

Matrix: Solid

Percent Solids: 98.4

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-Nitrosodimethylamine	0.506	U	8.42	0.506	mg/Kg	⌚	10/03/17 12:58	10/04/17 00:29	25
Surrogate									
2,4,6-Tribromophenol (Surr)	58		10 - 120				10/03/17 12:58	10/04/17 00:29	25
2-Fluorobiphenyl (Surr)	3	X	29 - 120				10/03/17 12:58	10/04/17 00:29	25
2-Fluorophenol (Surr)	9	X	10 - 120				10/03/17 12:58	10/04/17 00:29	25
Nitrobenzene-d5 (Surr)	3	X	27 - 120				10/03/17 12:58	10/04/17 00:29	25
Phenol-d5 (Surr)	4	X	10 - 120				10/03/17 12:58	10/04/17 00:29	25
Terphenyl-d14 (Surr)	5	X	13 - 120				10/03/17 12:58	10/04/17 00:29	25

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Iron	5570		39.8	19.9	mg/Kg	⌚	10/03/17 15:16	10/04/17 15:14	1

Method: 6020A - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	2000		4.98	1.99	mg/Kg	⌚	10/03/17 15:16	10/04/17 14:24	1
Antimony	0.314	J	0.498	0.199	mg/Kg	⌚	10/03/17 15:16	10/04/17 14:24	1
Arsenic	1.41		0.498	0.199	mg/Kg	⌚	10/03/17 15:16	10/04/17 14:24	1
Barium	28.1		0.498	0.199	mg/Kg	⌚	10/03/17 15:16	10/04/17 14:24	1
Beryllium	0.199	U	0.498	0.199	mg/Kg	⌚	10/03/17 15:16	10/04/17 14:24	1
Cadmium	0.199	U	0.498	0.199	mg/Kg	⌚	10/03/17 15:16	10/04/17 14:24	1
Calcium	281		49.8	24.9	mg/Kg	⌚	10/03/17 15:16	10/04/17 14:24	1
Chromium	4.13		0.498	0.199	mg/Kg	⌚	10/03/17 15:16	10/04/17 14:24	1
Cobalt	1.14		0.498	0.199	mg/Kg	⌚	10/03/17 15:16	10/04/17 14:24	1
Copper	2.71		0.498	0.199	mg/Kg	⌚	10/03/17 15:16	10/04/17 14:24	1
Lead	24.9		0.498	0.199	mg/Kg	⌚	10/03/17 15:16	10/04/17 14:24	1
Magnesium	203		49.8	24.9	mg/Kg	⌚	10/03/17 15:16	10/04/17 14:24	1
Manganese	42.2		0.498	0.199	mg/Kg	⌚	10/03/17 15:16	10/04/17 14:24	1
Nickel	2.13		0.498	0.199	mg/Kg	⌚	10/03/17 15:16	10/04/17 14:24	1
Potassium	198		49.8	24.9	mg/Kg	⌚	10/03/17 15:16	10/04/17 14:24	1
Selenium	0.218	J	0.498	0.199	mg/Kg	⌚	10/03/17 15:16	10/04/17 14:24	1
Silver	0.0996	U	0.498	0.0996	mg/Kg	⌚	10/03/17 15:16	10/04/17 14:24	1
Sodium	24.9	U	49.8	24.9	mg/Kg	⌚	10/03/17 15:16	10/04/17 14:24	1
Thallium	0.199	U	0.498	0.199	mg/Kg	⌚	10/03/17 15:16	10/04/17 14:24	1
Vanadium	10.0		0.498	0.199	mg/Kg	⌚	10/03/17 15:16	10/04/17 14:24	1
Zinc	16.2		4.98	1.99	mg/Kg	⌚	10/03/17 15:16	10/04/17 14:24	1

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.0482	J	0.100	0.0301	mg/Kg	⌚	10/03/17 13:35	10/03/17 17:33	1

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	1.6		0.1	0.1	%			10/03/17 11:39	1
Percent Solids	98.4		0.1	0.1	%			10/03/17 11:39	1

TestAmerica Nashville

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: Property 006

TestAmerica Job ID: 490-137889-1

Client Sample ID: South

Date Collected: 10/02/17 14:45
Date Received: 10/03/17 10:05

Lab Sample ID: 490-137889-6

Matrix: Solid

Percent Solids: 97.8

Method: 8270D SIM - Semivolatile Organic Compounds (GC/MS SIM)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[a]pyrene	0.223		0.0838	0.0330	mg/Kg	⌚	10/03/17 12:54	10/03/17 19:06	25
Fluorene	0.0889	U	0.127	0.0889	mg/Kg	⌚	10/03/17 12:54	10/03/17 19:06	25
Acenaphthylene	0.104		0.0838	0.0457	mg/Kg	⌚	10/03/17 12:54	10/03/17 19:06	25
Benzo[g,h,i]perylene	0.281		0.0838	0.0356	mg/Kg	⌚	10/03/17 12:54	10/03/17 19:06	25
Phenanthrene	0.0458	J	0.0838	0.0432	mg/Kg	⌚	10/03/17 12:54	10/03/17 19:06	25
Benzo[k]fluoranthene	0.131		0.0838	0.0457	mg/Kg	⌚	10/03/17 12:54	10/03/17 19:06	25
Anthracene	0.0613	J	0.0838	0.0330	mg/Kg	⌚	10/03/17 12:54	10/03/17 19:06	25
2-Methylnaphthalene	0.0533	U	0.0838	0.0533	mg/Kg	⌚	10/03/17 12:54	10/03/17 19:06	25
Pyrene	0.218		0.0838	0.0381	mg/Kg	⌚	10/03/17 12:54	10/03/17 19:06	25
Dibenz(a,h)anthracene	0.0620	J	0.0838	0.0381	mg/Kg	⌚	10/03/17 12:54	10/03/17 19:06	25
Naphthalene	0.0559	U	0.0838	0.0559	mg/Kg	⌚	10/03/17 12:54	10/03/17 19:06	25
Fluoranthene	0.169		0.0838	0.0356	mg/Kg	⌚	10/03/17 12:54	10/03/17 19:06	25
1-Methylnaphthalene	0.0457	U	0.0838	0.0457	mg/Kg	⌚	10/03/17 12:54	10/03/17 19:06	25
Benzo[a]anthracene	0.0305	U	0.0838	0.0305	mg/Kg	⌚	10/03/17 12:54	10/03/17 19:06	25
Indeno[1,2,3-cd]pyrene	0.249		0.0838	0.0406	mg/Kg	⌚	10/03/17 12:54	10/03/17 19:06	25
Chrysene	0.0305	U	0.0838	0.0305	mg/Kg	⌚	10/03/17 12:54	10/03/17 19:06	25
Acenaphthene	0.0559	U	0.0838	0.0559	mg/Kg	⌚	10/03/17 12:54	10/03/17 19:06	25
Benzo[b]fluoranthene	0.389		0.0838	0.0559	mg/Kg	⌚	10/03/17 12:54	10/03/17 19:06	25
Surrogate	%Recovery	Qualifier		Limits			Prepared	Analyzed	Dil Fac
2-Fluorobiphenyl (Surr)	14	X		29 - 120			10/03/17 12:54	10/03/17 19:06	25
Nitrobenzene-d5	13	X		27 - 120			10/03/17 12:54	10/03/17 19:06	25
Terphenyl-d14	17			13 - 120			10/03/17 12:54	10/03/17 19:06	25

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4,5-Tetrachlorobenzene	34.1	U	67.1	34.1	mg/Kg	⌚	10/03/17 12:58	10/04/17 00:48	200
2,3,4,6-Tetrachlorophenol	36.5	U	67.1	36.5	mg/Kg	⌚	10/03/17 12:58	10/04/17 00:48	200
2,4,5-Trichlorophenol	43.9	U	67.1	43.9	mg/Kg	⌚	10/03/17 12:58	10/04/17 00:48	200
2,4,6-Trichlorophenol	38.7	U	67.1	38.7	mg/Kg	⌚	10/03/17 12:58	10/04/17 00:48	200
2,4-Dichlorophenol	35.3	U	67.1	35.3	mg/Kg	⌚	10/03/17 12:58	10/04/17 00:48	200
2,4-Dimethylphenol	67.5	U	135	67.5	mg/Kg	⌚	10/03/17 12:58	10/04/17 00:48	200
2,4-Dinitrophenol	50.6	U	67.1	50.6	mg/Kg	⌚	10/03/17 12:58	10/04/17 00:48	200
2,4-Dinitrotoluene	41.9	U	67.1	41.9	mg/Kg	⌚	10/03/17 12:58	10/04/17 00:48	200
2,6-Dinitrotoluene	45.0	U	67.1	45.0	mg/Kg	⌚	10/03/17 12:58	10/04/17 00:48	200
2-Chloronaphthalene	42.1	U	67.1	42.1	mg/Kg	⌚	10/03/17 12:58	10/04/17 00:48	200
2-Chlorophenol	38.5	U	67.1	38.5	mg/Kg	⌚	10/03/17 12:58	10/04/17 00:48	200
2-Methylnaphthalene	5.24	U	13.5	5.24	mg/Kg	⌚	10/03/17 12:58	10/04/17 00:48	200
2-Nitroaniline	41.7	U	67.1	41.7	mg/Kg	⌚	10/03/17 12:58	10/04/17 00:48	200
2-Methylphenol	43.5	U	67.1	43.5	mg/Kg	⌚	10/03/17 12:58	10/04/17 00:48	200
2-Nitrophenol	49.0	U	67.1	49.0	mg/Kg	⌚	10/03/17 12:58	10/04/17 00:48	200
3 & 4 Methylphenol	40.9	U	67.1	40.9	mg/Kg	⌚	10/03/17 12:58	10/04/17 00:48	200
3,3'-Dichlorobenzidine	41.1	U	135	41.1	mg/Kg	⌚	10/03/17 12:58	10/04/17 00:48	200
3-Nitroaniline	46.4	U	135	46.4	mg/Kg	⌚	10/03/17 12:58	10/04/17 00:48	200
4,6-Dinitro-2-methylphenol	46.2	U	67.1	46.2	mg/Kg	⌚	10/03/17 12:58	10/04/17 00:48	200
4-Bromophenyl phenyl ether	41.3	U	67.1	41.3	mg/Kg	⌚	10/03/17 12:58	10/04/17 00:48	200
4-Chloro-3-methylphenol	33.9	U	67.1	33.9	mg/Kg	⌚	10/03/17 12:58	10/04/17 00:48	200
4-Chloroaniline	45.8	U	67.1	45.8	mg/Kg	⌚	10/03/17 12:58	10/04/17 00:48	200
4-Chlorophenyl phenyl ether	40.5	U	67.1	40.5	mg/Kg	⌚	10/03/17 12:58	10/04/17 00:48	200
4-Nitroaniline	48.0	U	135	48.0	mg/Kg	⌚	10/03/17 12:58	10/04/17 00:48	200

TestAmerica Nashville

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: Property 006

TestAmerica Job ID: 490-137889-1

Client Sample ID: South
Date Collected: 10/02/17 14:45
Date Received: 10/03/17 10:05

Lab Sample ID: 490-137889-6
Matrix: Solid
Percent Solids: 97.8

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Nitrophenol	77.0	U	135	77.0	mg/Kg	⌚	10/03/17 12:58	10/04/17 00:48	200
Acenaphthene	6.45	U	13.5	6.45	mg/Kg	⌚	10/03/17 12:58	10/04/17 00:48	200
Acenaphthylene	5.85	U	13.5	5.85	mg/Kg	⌚	10/03/17 12:58	10/04/17 00:48	200
Acetophenone	37.5	U	67.1	37.5	mg/Kg	⌚	10/03/17 12:58	10/04/17 00:48	200
Anthracene	5.85	U	13.5	5.85	mg/Kg	⌚	10/03/17 12:58	10/04/17 00:48	200
Atrazine	33.9	U	67.1	33.9	mg/Kg	⌚	10/03/17 12:58	10/04/17 00:48	200
Benzo[a]anthracene	6.05	U	13.5	6.05	mg/Kg	⌚	10/03/17 12:58	10/04/17 00:48	200
Benzo[a]pyrene	5.44	U	13.5	5.44	mg/Kg	⌚	10/03/17 12:58	10/04/17 00:48	200
Benzo[b]fluoranthene	5.64	U	13.5	5.64	mg/Kg	⌚	10/03/17 12:58	10/04/17 00:48	200
Benzo[g,h,i]perylene	6.65	U	13.5	6.65	mg/Kg	⌚	10/03/17 12:58	10/04/17 00:48	200
Benzo[k]fluoranthene	5.44	U	13.5	5.44	mg/Kg	⌚	10/03/17 12:58	10/04/17 00:48	200
Benzaldehyde	51.2	U	135	51.2	mg/Kg	⌚	10/03/17 12:58	10/04/17 00:48	200
Bis(2-chloroethoxy)methane	40.3	U	67.1	40.3	mg/Kg	⌚	10/03/17 12:58	10/04/17 00:48	200
Biphenyl	38.1	U	67.1	38.1	mg/Kg	⌚	10/03/17 12:58	10/04/17 00:48	200
Bis(2-chloroethyl)ether	42.9	U	67.1	42.9	mg/Kg	⌚	10/03/17 12:58	10/04/17 00:48	200
bis (2-chloroisopropyl) ether	39.9	U	67.1	39.9	mg/Kg	⌚	10/03/17 12:58	10/04/17 00:48	200
Butyl benzyl phthalate	43.3	U	67.1	43.3	mg/Kg	⌚	10/03/17 12:58	10/04/17 00:48	200
Bis(2-ethylhexyl) phthalate	41.7	U	67.1	41.7	mg/Kg	⌚	10/03/17 12:58	10/04/17 00:48	200
Carbazole	41.7	U	67.1	41.7	mg/Kg	⌚	10/03/17 12:58	10/04/17 00:48	200
Caprolactam	31.2	U	67.1	31.2	mg/Kg	⌚	10/03/17 12:58	10/04/17 00:48	200
Chrysene	7.46	U	13.5	7.46	mg/Kg	⌚	10/03/17 12:58	10/04/17 00:48	200
Dibenz(a,h)anthracene	6.45	U	13.5	6.45	mg/Kg	⌚	10/03/17 12:58	10/04/17 00:48	200
Dibenzofuran	42.3	U	67.1	42.3	mg/Kg	⌚	10/03/17 12:58	10/04/17 00:48	200
Diethyl phthalate	42.7	U	67.1	42.7	mg/Kg	⌚	10/03/17 12:58	10/04/17 00:48	200
Dimethyl phthalate	41.7	U	67.1	41.7	mg/Kg	⌚	10/03/17 12:58	10/04/17 00:48	200
Di-n-butyl phthalate	42.5	U	67.1	42.5	mg/Kg	⌚	10/03/17 12:58	10/04/17 00:48	200
Fluorene	5.85	U	13.5	5.85	mg/Kg	⌚	10/03/17 12:58	10/04/17 00:48	200
Di-n-octyl phthalate	35.9	U	67.1	35.9	mg/Kg	⌚	10/03/17 12:58	10/04/17 00:48	200
Hexachlorobenzene	50.4	U	67.1	50.4	mg/Kg	⌚	10/03/17 12:58	10/04/17 00:48	200
Hexachlorobutadiene	33.7	U	67.1	33.7	mg/Kg	⌚	10/03/17 12:58	10/04/17 00:48	200
Hexachlorocyclopentadiene	30.2	U	67.1	30.2	mg/Kg	⌚	10/03/17 12:58	10/04/17 00:48	200
Hexachloroethane	36.5	U	67.1	36.5	mg/Kg	⌚	10/03/17 12:58	10/04/17 00:48	200
Indeno[1,2,3-cd]pyrene	5.85	U	13.5	5.85	mg/Kg	⌚	10/03/17 12:58	10/04/17 00:48	200
Isophorone	37.9	U	67.1	37.9	mg/Kg	⌚	10/03/17 12:58	10/04/17 00:48	200
Naphthalene	5.85	U	13.5	5.85	mg/Kg	⌚	10/03/17 12:58	10/04/17 00:48	200
Nitrobenzene	40.5	U	67.1	40.5	mg/Kg	⌚	10/03/17 12:58	10/04/17 00:48	200
N-Nitrosodi-n-propylamine	39.1	U	67.1	39.1	mg/Kg	⌚	10/03/17 12:58	10/04/17 00:48	200
n-Nitrosodiphenylamine(as diphenylamine)	10.7	U	67.1	10.7	mg/Kg	⌚	10/03/17 12:58	10/04/17 00:48	200
Pentachlorophenol	53.6	U	135	53.6	mg/Kg	⌚	10/03/17 12:58	10/04/17 00:48	200
Phenanthrene	6.85	U	13.5	6.85	mg/Kg	⌚	10/03/17 12:58	10/04/17 00:48	200
Phenol	40.9	U	67.1	40.9	mg/Kg	⌚	10/03/17 12:58	10/04/17 00:48	200
Pyrene	6.85	U	13.5	6.85	mg/Kg	⌚	10/03/17 12:58	10/04/17 00:48	200
Fluoranthene	6.85	U	13.5	6.85	mg/Kg	⌚	10/03/17 12:58	10/04/17 00:48	200
1,2,4-Trichlorobenzene	36.5	U	67.1	36.5	mg/Kg	⌚	10/03/17 12:58	10/04/17 00:48	200
1,2-Dichlorobenzene	38.3	U	67.1	38.3	mg/Kg	⌚	10/03/17 12:58	10/04/17 00:48	200
1,3-Dichlorobenzene	38.3	U	67.1	38.3	mg/Kg	⌚	10/03/17 12:58	10/04/17 00:48	200
1,4-Dichlorobenzene	39.5	U	67.1	39.5	mg/Kg	⌚	10/03/17 12:58	10/04/17 00:48	200
Benzidine	41.1	U	67.1	41.1	mg/Kg	⌚	10/03/17 12:58	10/04/17 00:48	200
Benzyl alcohol	39.1	U	67.1	39.1	mg/Kg	⌚	10/03/17 12:58	10/04/17 00:48	200

TestAmerica Nashville

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: Property 006

TestAmerica Job ID: 490-137889-1

Client Sample ID: South

Date Collected: 10/02/17 14:45
Date Received: 10/03/17 10:05

Lab Sample ID: 490-137889-6

Matrix: Solid

Percent Solids: 97.8

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
N-Nitrosodimethylamine	4.03	U	67.1	4.03	mg/Kg	⌚	10/03/17 12:58	10/04/17 00:48	200
Surrogate									
2,4,6-Tribromophenol (Surr)	478	X	10 - 120			⌚	10/03/17 12:58	10/04/17 00:48	200
2-Fluorobiphenyl (Surr)	49		29 - 120			⌚	10/03/17 12:58	10/04/17 00:48	200
2-Fluorophenol (Surr)	106		10 - 120			⌚	10/03/17 12:58	10/04/17 00:48	200
Nitrobenzene-d5 (Surr)	65		27 - 120			⌚	10/03/17 12:58	10/04/17 00:48	200
Phenol-d5 (Surr)	42		10 - 120			⌚	10/03/17 12:58	10/04/17 00:48	200
Terphenyl-d14 (Surr)	71		13 - 120			⌚	10/03/17 12:58	10/04/17 00:48	200

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Iron	11200		40.7	20.4	mg/Kg	⌚	10/03/17 15:16	10/04/17 15:20	1

Method: 6020A - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	3610		5.09	2.04	mg/Kg	⌚	10/03/17 15:16	10/04/17 14:29	1
Antimony	0.351	J	0.509	0.204	mg/Kg	⌚	10/03/17 15:16	10/04/17 14:29	1
Arsenic	2.53		0.509	0.204	mg/Kg	⌚	10/03/17 15:16	10/04/17 14:29	1
Barium	71.1		0.509	0.204	mg/Kg	⌚	10/03/17 15:16	10/04/17 14:29	1
Beryllium	0.252	J	0.509	0.204	mg/Kg	⌚	10/03/17 15:16	10/04/17 14:29	1
Cadmium	0.212	J	0.509	0.204	mg/Kg	⌚	10/03/17 15:16	10/04/17 14:29	1
Calcium	425		50.9	25.4	mg/Kg	⌚	10/03/17 15:16	10/04/17 14:29	1
Chromium	6.05		0.509	0.204	mg/Kg	⌚	10/03/17 15:16	10/04/17 14:29	1
Cobalt	2.18		0.509	0.204	mg/Kg	⌚	10/03/17 15:16	10/04/17 14:29	1
Copper	4.97		0.509	0.204	mg/Kg	⌚	10/03/17 15:16	10/04/17 14:29	1
Lead	36.4		0.509	0.204	mg/Kg	⌚	10/03/17 15:16	10/04/17 14:29	1
Magnesium	302		50.9	25.4	mg/Kg	⌚	10/03/17 15:16	10/04/17 14:29	1
Manganese	53.7		0.509	0.204	mg/Kg	⌚	10/03/17 15:16	10/04/17 14:29	1
Nickel	3.07		0.509	0.204	mg/Kg	⌚	10/03/17 15:16	10/04/17 14:29	1
Potassium	358		50.9	25.4	mg/Kg	⌚	10/03/17 15:16	10/04/17 14:29	1
Selenium	0.373	J	0.509	0.204	mg/Kg	⌚	10/03/17 15:16	10/04/17 14:29	1
Silver	0.102	U	0.509	0.102	mg/Kg	⌚	10/03/17 15:16	10/04/17 14:29	1
Sodium	25.4	U	50.9	25.4	mg/Kg	⌚	10/03/17 15:16	10/04/17 14:29	1
Thallium	0.204	U	0.509	0.204	mg/Kg	⌚	10/03/17 15:16	10/04/17 14:29	1
Vanadium	13.2		0.509	0.204	mg/Kg	⌚	10/03/17 15:16	10/04/17 14:29	1
Zinc	20.6		5.09	2.04	mg/Kg	⌚	10/03/17 15:16	10/04/17 14:29	1

Method: 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.0539	J	0.100	0.0301	mg/Kg	⌚	10/03/17 13:35	10/03/17 17:36	1

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	2.2		0.1	0.1	%			10/03/17 11:39	1
Percent Solids	97.8		0.1	0.1	%			10/03/17 11:39	1

QC Sample Results

Client: Weston Solutions, Inc.
Project/Site: Property 006

TestAmerica Job ID: 490-137889-1

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Lab Sample ID: MB 490-464683/1-A

Matrix: Solid

Analysis Batch: 465063

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 464683

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4,5-Tetrachlorobenzene	0.169	U	0.333	0.169	mg/Kg	10/02/17 10:43	10/03/17 17:21	1	
2,3,4,6-Tetrachlorophenol	0.181	U	0.333	0.181	mg/Kg	10/02/17 10:43	10/03/17 17:21	1	
2,4,5-Trichlorophenol	0.218	U	0.333	0.218	mg/Kg	10/02/17 10:43	10/03/17 17:21	1	
2,4,6-Trichlorophenol	0.192	U	0.333	0.192	mg/Kg	10/02/17 10:43	10/03/17 17:21	1	
2,4-Dichlorophenol	0.175	U	0.333	0.175	mg/Kg	10/02/17 10:43	10/03/17 17:21	1	
2,4-Dimethylphenol	0.335	U	0.670	0.335	mg/Kg	10/02/17 10:43	10/03/17 17:21	1	
2,4-Dinitrophenol	0.251	U	0.333	0.251	mg/Kg	10/02/17 10:43	10/03/17 17:21	1	
2,4-Dinitrotoluene	0.208	U	0.333	0.208	mg/Kg	10/02/17 10:43	10/03/17 17:21	1	
2,6-Dinitrotoluene	0.223	U	0.333	0.223	mg/Kg	10/02/17 10:43	10/03/17 17:21	1	
2-Chloronaphthalene	0.209	U	0.333	0.209	mg/Kg	10/02/17 10:43	10/03/17 17:21	1	
2-Chlorophenol	0.191	U	0.333	0.191	mg/Kg	10/02/17 10:43	10/03/17 17:21	1	
2-Methylnaphthalene	0.0260	U	0.0670	0.0260	mg/Kg	10/02/17 10:43	10/03/17 17:21	1	
2-Nitroaniline	0.207	U	0.333	0.207	mg/Kg	10/02/17 10:43	10/03/17 17:21	1	
2-Methylphenol	0.216	U	0.333	0.216	mg/Kg	10/02/17 10:43	10/03/17 17:21	1	
2-Nitrophenol	0.243	U	0.333	0.243	mg/Kg	10/02/17 10:43	10/03/17 17:21	1	
3 & 4 Methylphenol	0.203	U	0.333	0.203	mg/Kg	10/02/17 10:43	10/03/17 17:21	1	
3,3'-Dichlorobenzidine	0.204	U	0.670	0.204	mg/Kg	10/02/17 10:43	10/03/17 17:21	1	
3-Nitroaniline	0.230	U	0.670	0.230	mg/Kg	10/02/17 10:43	10/03/17 17:21	1	
4,6-Dinitro-2-methylphenol	0.229	U	0.333	0.229	mg/Kg	10/02/17 10:43	10/03/17 17:21	1	
4-Bromophenyl phenyl ether	0.205	U	0.333	0.205	mg/Kg	10/02/17 10:43	10/03/17 17:21	1	
4-Chloro-3-methylphenol	0.168	U	0.333	0.168	mg/Kg	10/02/17 10:43	10/03/17 17:21	1	
4-Chloroaniline	0.227	U	0.333	0.227	mg/Kg	10/02/17 10:43	10/03/17 17:21	1	
4-Chlorophenyl phenyl ether	0.201	U	0.333	0.201	mg/Kg	10/02/17 10:43	10/03/17 17:21	1	
4-Nitroaniline	0.238	U	0.670	0.238	mg/Kg	10/02/17 10:43	10/03/17 17:21	1	
4-Nitrophenol	0.382	U	0.670	0.382	mg/Kg	10/02/17 10:43	10/03/17 17:21	1	
Acenaphthene	0.0320	U	0.0670	0.0320	mg/Kg	10/02/17 10:43	10/03/17 17:21	1	
Acenaphthylene	0.0290	U	0.0670	0.0290	mg/Kg	10/02/17 10:43	10/03/17 17:21	1	
Acetophenone	0.186	U	0.333	0.186	mg/Kg	10/02/17 10:43	10/03/17 17:21	1	
Anthracene	0.0290	U	0.0670	0.0290	mg/Kg	10/02/17 10:43	10/03/17 17:21	1	
Atrazine	0.168	U	0.333	0.168	mg/Kg	10/02/17 10:43	10/03/17 17:21	1	
Benzo[a]anthracene	0.0300	U	0.0670	0.0300	mg/Kg	10/02/17 10:43	10/03/17 17:21	1	
Benzo[a]pyrene	0.0270	U	0.0670	0.0270	mg/Kg	10/02/17 10:43	10/03/17 17:21	1	
Benzo[b]fluoranthene	0.0280	U	0.0670	0.0280	mg/Kg	10/02/17 10:43	10/03/17 17:21	1	
Benzo[g,h,i]perylene	0.0330	U	0.0670	0.0330	mg/Kg	10/02/17 10:43	10/03/17 17:21	1	
Benzo[k]fluoranthene	0.0270	U	0.0670	0.0270	mg/Kg	10/02/17 10:43	10/03/17 17:21	1	
Benzaldehyde	0.254	U	0.670	0.254	mg/Kg	10/02/17 10:43	10/03/17 17:21	1	
Bis(2-chloroethoxy)methane	0.200	U	0.333	0.200	mg/Kg	10/02/17 10:43	10/03/17 17:21	1	
Biphenyl	0.189	U	0.333	0.189	mg/Kg	10/02/17 10:43	10/03/17 17:21	1	
Bis(2-chloroethyl)ether	0.213	U	0.333	0.213	mg/Kg	10/02/17 10:43	10/03/17 17:21	1	
bis (2-chloroisopropyl) ether	0.198	U	0.333	0.198	mg/Kg	10/02/17 10:43	10/03/17 17:21	1	
Butyl benzyl phthalate	0.215	U	0.333	0.215	mg/Kg	10/02/17 10:43	10/03/17 17:21	1	
Bis(2-ethylhexyl) phthalate	0.207	U	0.333	0.207	mg/Kg	10/02/17 10:43	10/03/17 17:21	1	
Carbazole	0.207	U	0.333	0.207	mg/Kg	10/02/17 10:43	10/03/17 17:21	1	
Caprolactam	0.155	U	0.333	0.155	mg/Kg	10/02/17 10:43	10/03/17 17:21	1	
Chrysene	0.0370	U	0.0670	0.0370	mg/Kg	10/02/17 10:43	10/03/17 17:21	1	
Dibenz(a,h)anthracene	0.0320	U	0.0670	0.0320	mg/Kg	10/02/17 10:43	10/03/17 17:21	1	
Dibenzofuran	0.210	U	0.333	0.210	mg/Kg	10/02/17 10:43	10/03/17 17:21	1	
Diethyl phthalate	0.212	U	0.333	0.212	mg/Kg	10/02/17 10:43	10/03/17 17:21	1	

TestAmerica Nashville

QC Sample Results

Client: Weston Solutions, Inc.
Project/Site: Property 006

TestAmerica Job ID: 490-137889-1

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 490-464683/1-A

Matrix: Solid

Analysis Batch: 465063

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 464683

Analyte	MB	MB	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							Prepared	Analyzed	Dil Fac
Dimethyl phthalate	0.207	U	0.333		0.207	mg/Kg		10/02/17 10:43	10/03/17 17:21		1
Di-n-butyl phthalate	0.211	U	0.333		0.211	mg/Kg		10/02/17 10:43	10/03/17 17:21		1
Fluorene	0.0290	U	0.0670		0.0290	mg/Kg		10/02/17 10:43	10/03/17 17:21		1
Di-n-octyl phthalate	0.178	U	0.333		0.178	mg/Kg		10/02/17 10:43	10/03/17 17:21		1
Hexachlorobenzene	0.250	U	0.333		0.250	mg/Kg		10/02/17 10:43	10/03/17 17:21		1
Hexachlorobutadiene	0.167	U	0.333		0.167	mg/Kg		10/02/17 10:43	10/03/17 17:21		1
Hexachlorocyclopentadiene	0.150	U	0.333		0.150	mg/Kg		10/02/17 10:43	10/03/17 17:21		1
Hexachloroethane	0.181	U	0.333		0.181	mg/Kg		10/02/17 10:43	10/03/17 17:21		1
Indeno[1,2,3-cd]pyrene	0.0290	U	0.0670		0.0290	mg/Kg		10/02/17 10:43	10/03/17 17:21		1
Isophorone	0.188	U	0.333		0.188	mg/Kg		10/02/17 10:43	10/03/17 17:21		1
Naphthalene	0.0290	U	0.0670		0.0290	mg/Kg		10/02/17 10:43	10/03/17 17:21		1
Nitrobenzene	0.201	U	0.333		0.201	mg/Kg		10/02/17 10:43	10/03/17 17:21		1
N-Nitrosodi-n-propylamine	0.194	U	0.333		0.194	mg/Kg		10/02/17 10:43	10/03/17 17:21		1
n-Nitrosodiphenylamine(as diphenylamine)	0.0530	U	0.333		0.0530	mg/Kg		10/02/17 10:43	10/03/17 17:21		1
Pentachlorophenol	0.266	U	0.670		0.266	mg/Kg		10/02/17 10:43	10/03/17 17:21		1
Phenanthren	0.0340	U	0.0670		0.0340	mg/Kg		10/02/17 10:43	10/03/17 17:21		1
Phenol	0.203	U	0.333		0.203	mg/Kg		10/02/17 10:43	10/03/17 17:21		1
Pyrene	0.0340	U	0.0670		0.0340	mg/Kg		10/02/17 10:43	10/03/17 17:21		1
Fluoranthene	0.0340	U	0.0670		0.0340	mg/Kg		10/02/17 10:43	10/03/17 17:21		1
1,2,4-Trichlorobenzene	0.181	U	0.333		0.181	mg/Kg		10/02/17 10:43	10/03/17 17:21		1
1,2-Dichlorobenzene	0.190	U	0.333		0.190	mg/Kg		10/02/17 10:43	10/03/17 17:21		1
1,3-Dichlorobenzene	0.190	U	0.333		0.190	mg/Kg		10/02/17 10:43	10/03/17 17:21		1
1,4-Dichlorobenzene	0.196	U	0.333		0.196	mg/Kg		10/02/17 10:43	10/03/17 17:21		1
Benzidine	0.204	U	0.333		0.204	mg/Kg		10/02/17 10:43	10/03/17 17:21		1
Benzyl alcohol	0.194	U	0.333		0.194	mg/Kg		10/02/17 10:43	10/03/17 17:21		1
N-Nitrosodimethylamine	0.0200	U	0.333		0.0200	mg/Kg		10/02/17 10:43	10/03/17 17:21		1

Surrogate	MB	MB	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
	Result	Qualifier						
2,4,6-Tribromophenol (Surr)	67		10 - 120			10/02/17 10:43	10/03/17 17:21	1
2-Fluorobiphenyl (Surr)	79		29 - 120			10/02/17 10:43	10/03/17 17:21	1
2-Fluorophenol (Surr)	73		10 - 120			10/02/17 10:43	10/03/17 17:21	1
Nitrobenzene-d5 (Surr)	91		27 - 120			10/02/17 10:43	10/03/17 17:21	1
Phenol-d5 (Surr)	82		10 - 120			10/02/17 10:43	10/03/17 17:21	1
Terphenyl-d14 (Surr)	86		13 - 120			10/02/17 10:43	10/03/17 17:21	1

Lab Sample ID: LCS 490-464683/2-A

Matrix: Solid

Analysis Batch: 465063

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 464683

Analyte	Spike	LCS	LCS	Result	Qualifier	Unit	D	%Rec	Limits	%Rec.
	Added	Result	Qualifier							
1,2,4,5-Tetrachlorobenzene		1.67	1.340			mg/Kg		80	41 - 120	
2,3,4,6-Tetrachlorophenol		1.67	1.776			mg/Kg		107	44 - 120	
2,4,5-Trichlorophenol		1.67	1.617			mg/Kg		97	39 - 120	
2,4,6-Trichlorophenol		1.67	1.598			mg/Kg		96	39 - 120	
2,4-Dichlorophenol		1.67	1.603			mg/Kg		96	32 - 120	
2,4-Dimethylphenol		1.67	1.130			mg/Kg		68	32 - 120	
2,4-Dinitrophenol		3.33	2.133			mg/Kg		64	10 - 142	

TestAmerica Nashville

QC Sample Results

Client: Weston Solutions, Inc.
Project/Site: Property 006

TestAmerica Job ID: 490-137889-1

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 490-464683/2-A

Matrix: Solid

Analysis Batch: 465063

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 464683

%Rec.

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	Limits
2,4-Dinitrotoluene	1.67	1.523		mg/Kg	91	43 - 120	
2,6-Dinitrotoluene	1.67	1.508		mg/Kg	90	43 - 120	
2-Chloronaphthalene	1.67	1.371		mg/Kg	82	34 - 120	
2-Chlorophenol	1.67	1.542		mg/Kg	93	32 - 120	
2-Methylnaphthalene	1.67	1.343		mg/Kg	81	28 - 120	
2-Nitroaniline	1.67	1.480		mg/Kg	89	40 - 120	
2-Methylphenol	1.67	1.503		mg/Kg	90	36 - 120	
2-Nitrophenol	1.67	1.580		mg/Kg	95	29 - 120	
3 & 4 Methylphenol	1.67	1.531		mg/Kg	92	37 - 120	
3,3'-Dichlorobenzidine	1.67	1.172		mg/Kg	70	39 - 120	
3-Nitroaniline	1.67	1.516		mg/Kg	91	42 - 120	
4,6-Dinitro-2-methylphenol	3.33	2.979		mg/Kg	89	27 - 134	
4-Bromophenyl phenyl ether	1.67	1.524		mg/Kg	91	40 - 120	
4-Chloro-3-methylphenol	1.67	1.522		mg/Kg	91	38 - 120	
4-Chloroaniline	1.67	1.291		mg/Kg	77	35 - 120	
4-Chlorophenyl phenyl ether	1.67	1.471		mg/Kg	88	42 - 120	
4-Nitroaniline	1.67	1.519		mg/Kg	91	43 - 120	
4-Nitrophenol	3.33	3.467		mg/Kg	104	32 - 136	
Acenaphthene	1.67	1.408		mg/Kg	84	36 - 120	
Acenaphthylene	1.67	1.478		mg/Kg	89	38 - 120	
Acetophenone	1.67	1.358		mg/Kg	81	30 - 120	
Anthracene	1.67	1.458		mg/Kg	87	46 - 124	
Atrazine	1.67	1.995		mg/Kg	120	41 - 120	
Benzo[a]anthracene	1.67	1.425		mg/Kg	86	45 - 120	
Benzo[a]pyrene	1.67	1.478		mg/Kg	89	45 - 120	
Benzo[b]fluoranthene	1.67	1.483		mg/Kg	89	42 - 120	
Benzo[g,h,i]perylene	1.67	1.616		mg/Kg	97	38 - 120	
Benzo[k]fluoranthene	1.67	1.568		mg/Kg	94	42 - 120	
Benzaldehyde	1.67	0.4942 J		mg/Kg	30	10 - 150	
Bis(2-chloroethoxy)methane	1.67	1.366		mg/Kg	82	32 - 120	
Biphenyl	1.67	1.349		mg/Kg	81	15 - 120	
Bis(2-chloroethyl)ether	1.67	1.341		mg/Kg	80	31 - 120	
bis (2-chloroisopropyl) ether	1.67	1.134		mg/Kg	68	32 - 120	
Butyl benzyl phthalate	1.67	1.501		mg/Kg	90	43 - 133	
Bis(2-ethylhexyl) phthalate	1.67	1.514		mg/Kg	91	43 - 120	
Carbazole	1.67	1.541		mg/Kg	92	44 - 120	
Caprolactam	1.67	1.680		mg/Kg	101	18 - 138	
Chrysene	1.67	1.476		mg/Kg	89	43 - 120	
Dibenz(a,h)anthracene	1.67	1.662		mg/Kg	100	32 - 128	
Dibenzofuran	1.67	1.420		mg/Kg	85	41 - 120	
Diethyl phthalate	1.67	1.510		mg/Kg	91	41 - 122	
Dimethyl phthalate	1.67	1.447		mg/Kg	87	55 - 120	
Di-n-butyl phthalate	1.67	1.583		mg/Kg	95	46 - 127	
Fluorene	1.67	1.476		mg/Kg	89	42 - 120	
Di-n-octyl phthalate	1.67	1.563		mg/Kg	94	40 - 130	
Hexachlorobenzene	1.67	1.531		mg/Kg	92	44 - 120	
Hexachlorobutadiene	1.67	1.376		mg/Kg	83	31 - 120	
Hexachlorocyclopentadiene	1.67	0.5238		mg/Kg	31	24 - 120	

TestAmerica Nashville

QC Sample Results

Client: Weston Solutions, Inc.
Project/Site: Property 006

TestAmerica Job ID: 490-137889-1

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 490-464683/2-A

Matrix: Solid

Analysis Batch: 465063

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 464683

%Rec.

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	Limits
Hexachloroethane	1.67	1.343		mg/Kg	81	33 - 120	
Indeno[1,2,3-cd]pyrene	1.67	1.820		mg/Kg	109	41 - 121	
Isophorone	1.67	1.328		mg/Kg	80	33 - 120	
Naphthalene	1.67	1.386		mg/Kg	83	32 - 120	
Nitrobenzene	1.67	1.415		mg/Kg	85	26 - 120	
N-Nitrosodi-n-propylamine	1.67	1.334		mg/Kg	80	35 - 120	
n-Nitrosodiphenylamine(as diphenylamine)	1.42	1.507		mg/Kg	106	52 - 140	
Pentachlorophenol	3.33	3.545		mg/Kg	106	44 - 134	
Phenanthrene	1.67	1.508		mg/Kg	90	45 - 120	
Phenol	1.67	1.672		mg/Kg	100	30 - 120	
Pyrene	1.67	1.497		mg/Kg	90	43 - 120	
Fluoranthene	1.67	1.485		mg/Kg	89	46 - 120	
1,2,4-Trichlorobenzene	1.67	1.348		mg/Kg	81	29 - 120	
1,2-Dichlorobenzene	1.67	1.401		mg/Kg	84	33 - 120	
1,3-Dichlorobenzene	1.67	1.371		mg/Kg	82	32 - 120	
1,4-Dichlorobenzene	1.67	1.358		mg/Kg	81	32 - 120	
Benzidine	1.67	0.2578 J		mg/Kg	15	10 - 150	
Benzyl alcohol	1.67	1.487		mg/Kg	89	43 - 131	
N-Nitrosodimethylamine	1.67	1.104		mg/Kg	66	10 - 150	

Surrogate	LCS %Recovery	LCS Qualifier	Limits
2,4,6-Tribromophenol (Sur)	101		10 - 120
2-Fluorobiphenyl (Sur)	78		29 - 120
2-Fluorophenol (Sur)	86		10 - 120
Nitrobenzene-d5 (Sur)	84		27 - 120
Phenol-d5 (Sur)	97		10 - 120
Terphenyl-d14 (Sur)	91		13 - 120

Method: 8270D SIM - Semivolatile Organic Compounds (GC/MS SIM)

Lab Sample ID: MB 490-464686/1-A

Matrix: Solid

Analysis Batch: 465270

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 464686

Analyte	MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Benzo[a]pyrene	0.00130	U	0.00330	0.00130	mg/Kg	10/02/17 10:49	10/04/17 13:10		1
Fluorene	0.00350	U	0.00500	0.00350	mg/Kg	10/02/17 10:49	10/04/17 13:10		1
Acenaphthylene	0.00180	U	0.00330	0.00180	mg/Kg	10/02/17 10:49	10/04/17 13:10		1
Benzo[g,h,i]perylene	0.00140	U	0.00330	0.00140	mg/Kg	10/02/17 10:49	10/04/17 13:10		1
Phenanthrene	0.00170	U	0.00330	0.00170	mg/Kg	10/02/17 10:49	10/04/17 13:10		1
Benzo[k]fluoranthene	0.00180	U	0.00330	0.00180	mg/Kg	10/02/17 10:49	10/04/17 13:10		1
Anthracene	0.00130	U	0.00330	0.00130	mg/Kg	10/02/17 10:49	10/04/17 13:10		1
2-Methylnaphthalene	0.00210	U	0.00330	0.00210	mg/Kg	10/02/17 10:49	10/04/17 13:10		1
Pyrene	0.00150	U	0.00330	0.00150	mg/Kg	10/02/17 10:49	10/04/17 13:10		1
Dibenz(a,h)anthracene	0.00150	U	0.00330	0.00150	mg/Kg	10/02/17 10:49	10/04/17 13:10		1
Naphthalene	0.00220	U	0.00330	0.00220	mg/Kg	10/02/17 10:49	10/04/17 13:10		1
Fluoranthene	0.00140	U	0.00330	0.00140	mg/Kg	10/02/17 10:49	10/04/17 13:10		1

TestAmerica Nashville

QC Sample Results

Client: Weston Solutions, Inc.
Project/Site: Property 006

TestAmerica Job ID: 490-137889-1

Method: 8270D SIM - Semivolatile Organic Compounds (GC/MS SIM) (Continued)

Lab Sample ID: MB 490-464686/1-A

Matrix: Solid

Analysis Batch: 465270

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 464686

Analyte	MB		Result	Qualifier	RL	MDL	Unit	D	Prepared		Analyzed	Dil Fac
	MB	MB							Prepared	Analyzed		
1-Methylnaphthalene	0.00180	U	0.00330		0.00180	mg/Kg		10/02/17 10:49	10/04/17 13:10		1	
Benzo[a]anthracene	0.00120	U	0.00330		0.00120	mg/Kg		10/02/17 10:49	10/04/17 13:10		1	
Indeno[1,2,3-cd]pyrene	0.00160	U	0.00330		0.00160	mg/Kg		10/02/17 10:49	10/04/17 13:10		1	
Chrysene	0.00120	U	0.00330		0.00120	mg/Kg		10/02/17 10:49	10/04/17 13:10		1	
Acenaphthene	0.00220	U	0.00330		0.00220	mg/Kg		10/02/17 10:49	10/04/17 13:10		1	
Benzo[b]fluoranthene	0.00220	U	0.00330		0.00220	mg/Kg		10/02/17 10:49	10/04/17 13:10		1	

Surrogate	MB		%Recovery	Qualifier	Limits		D	Prepared		Analyzed	Dil Fac
	MB	MB			29 - 120	29 - 120		Prepared	Analyzed		
2-Fluorobiphenyl (Surr)	97				29 - 120	29 - 120	10/02/17 10:49	10/04/17 13:10			1
Nitrobenzene-d5	109				27 - 120	27 - 120	10/02/17 10:49	10/04/17 13:10			1
Terphenyl-d14	94				13 - 120	13 - 120	10/02/17 10:49	10/04/17 13:10			1

Lab Sample ID: LCS 490-464686/2-A

Matrix: Solid

Analysis Batch: 465236

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 464686

Analyte	Spike Added	LCS		Unit	D	%Rec	Limits
		Result	Qualifier				
Benzo[a]pyrene	0.0667	0.05729		mg/Kg		86	45 - 120
Fluorene	0.0667	0.04834		mg/Kg		73	42 - 120
Acenaphthylene	0.0667	0.04824		mg/Kg		72	38 - 120
Benzo[g,h,i]perylene	0.0667	0.05431		mg/Kg		81	38 - 120
Phenanthrene	0.0667	0.05243		mg/Kg		79	45 - 120
Benzo[k]fluoranthene	0.0667	0.05747		mg/Kg		86	42 - 120
Anthracene	0.0667	0.04703		mg/Kg		71	46 - 124
2-Methylnaphthalene	0.0667	0.06861		mg/Kg		103	28 - 120
Pyrene	0.0667	0.05568		mg/Kg		84	43 - 120
Dibenz(a,h)anthracene	0.0667	0.05686		mg/Kg		85	32 - 128
Naphthalene	0.0667	0.05466		mg/Kg		82	32 - 120
Fluoranthene	0.0667	0.05021		mg/Kg		75	46 - 120
1-Methylnaphthalene	0.0667	0.05253		mg/Kg		79	32 - 120
Benzo[a]anthracene	0.0667	0.04952		mg/Kg		74	45 - 120
Indeno[1,2,3-cd]pyrene	0.0667	0.07060		mg/Kg		106	41 - 121
Chrysene	0.0667	0.04659		mg/Kg		70	43 - 120
Acenaphthene	0.0667	0.04610		mg/Kg		69	36 - 120
Benzo[b]fluoranthene	0.0667	0.06299		mg/Kg		94	42 - 120

Surrogate	LCS		Limits
	%Recovery	Qualifier	
2-Fluorobiphenyl (Surr)	58		29 - 120
Nitrobenzene-d5	50		27 - 120
Terphenyl-d14	66		13 - 120

TestAmerica Nashville

QC Sample Results

Client: Weston Solutions, Inc.
Project/Site: Property 006

TestAmerica Job ID: 490-137889-1

Method: 6010B - Metals (ICP)

Lab Sample ID: MB 490-465078/1-A

Matrix: Solid

Analysis Batch: 465474

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 465078

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Iron	20.4	U	40.9	20.4	mg/Kg		10/03/17 15:16	10/04/17 13:49	1

Lab Sample ID: LCS 490-465078/2-A

Matrix: Solid

Analysis Batch: 465474

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 465078

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec.	Limits
Iron	198	195.8		mg/Kg		99	80 - 120

Method: 6020A - Metals (ICP/MS)

Lab Sample ID: MB 490-465078/1-A

Matrix: Solid

Analysis Batch: 465475

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 465078

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	2.04	U	5.11	2.04	mg/Kg		10/03/17 15:16	10/04/17 12:45	1
Antimony	0.204	U	0.511	0.204	mg/Kg		10/03/17 15:16	10/04/17 12:45	1
Arsenic	0.204	U	0.511	0.204	mg/Kg		10/03/17 15:16	10/04/17 12:45	1
Barium	0.204	U	0.511	0.204	mg/Kg		10/03/17 15:16	10/04/17 12:45	1
Beryllium	0.204	U	0.511	0.204	mg/Kg		10/03/17 15:16	10/04/17 12:45	1
Cadmium	0.204	U	0.511	0.204	mg/Kg		10/03/17 15:16	10/04/17 12:45	1
Calcium	25.6	U	51.1	25.6	mg/Kg		10/03/17 15:16	10/04/17 12:45	1
Chromium	0.204	U	0.511	0.204	mg/Kg		10/03/17 15:16	10/04/17 12:45	1
Cobalt	0.204	U	0.511	0.204	mg/Kg		10/03/17 15:16	10/04/17 12:45	1
Copper	0.204	U	0.511	0.204	mg/Kg		10/03/17 15:16	10/04/17 12:45	1
Lead	0.204	U	0.511	0.204	mg/Kg		10/03/17 15:16	10/04/17 12:45	1
Magnesium	25.6	U	51.1	25.6	mg/Kg		10/03/17 15:16	10/04/17 12:45	1
Manganese	0.204	U	0.511	0.204	mg/Kg		10/03/17 15:16	10/04/17 12:45	1
Nickel	0.204	U	0.511	0.204	mg/Kg		10/03/17 15:16	10/04/17 12:45	1
Potassium	25.6	U	51.1	25.6	mg/Kg		10/03/17 15:16	10/04/17 12:45	1
Selenium	0.204	U	0.511	0.204	mg/Kg		10/03/17 15:16	10/04/17 12:45	1
Silver	0.102	U	0.511	0.102	mg/Kg		10/03/17 15:16	10/04/17 12:45	1
Sodium	25.6	U	51.1	25.6	mg/Kg		10/03/17 15:16	10/04/17 12:45	1
Thallium	0.204	U	0.511	0.204	mg/Kg		10/03/17 15:16	10/04/17 12:45	1
Vanadium	0.204	U	0.511	0.204	mg/Kg		10/03/17 15:16	10/04/17 12:45	1
Zinc	2.04	U	5.11	2.04	mg/Kg		10/03/17 15:16	10/04/17 12:45	1

Lab Sample ID: LCS 490-465078/2-A

Matrix: Solid

Analysis Batch: 465475

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 465078

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec.	Limits
Aluminum	198	224.0		mg/Kg		113	80 - 120
Antimony		19.8	16.63	mg/Kg		84	80 - 120
Arsenic		19.8	17.23	mg/Kg		87	80 - 120
Barium		19.8	19.48	mg/Kg		98	80 - 120
Beryllium		19.8	16.00	mg/Kg		81	80 - 120

TestAmerica Nashville

QC Sample Results

Client: Weston Solutions, Inc.
Project/Site: Property 006

TestAmerica Job ID: 490-137889-1

Method: 6020A - Metals (ICP/MS) (Continued)

Lab Sample ID: LCS 490-465078/2-A

Matrix: Solid

Analysis Batch: 465475

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 465078

%Rec.

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	Limits
Cadmium	19.8	17.90		mg/Kg	90	80 - 120	
Calcium	1980	1866		mg/Kg	94	80 - 120	
Chromium	19.8	21.21		mg/Kg	107	80 - 120	
Cobalt	19.8	21.13		mg/Kg	107	80 - 120	
Copper	19.8	19.47		mg/Kg	98	80 - 120	
Lead	19.8	20.30		mg/Kg	103	80 - 120	
Magnesium	1980	2038		mg/Kg	103	80 - 120	
Manganese	19.8	20.91		mg/Kg	106	80 - 120	
Nickel	19.8	19.96		mg/Kg	101	80 - 120	
Potassium	1980	1972		mg/Kg	100	80 - 120	
Silver	19.8	21.60		mg/Kg	109	80 - 120	
Sodium	1980	1945		mg/Kg	98	80 - 120	
Thallium	19.8	21.27		mg/Kg	107	80 - 120	
Vanadium	19.8	23.31		mg/Kg	118	80 - 120	

Lab Sample ID: LCS 490-465078/2-A

Matrix: Solid

Analysis Batch: 465791

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 465078

%Rec.

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	Limits
Selenium	19.8	18.54		mg/Kg	94	80 - 120	
Zinc	19.8	19.40		mg/Kg	98	80 - 120	

Method: 7471B - Mercury (CVAA)

Lab Sample ID: MB 490-465053/1-A

Matrix: Solid

Analysis Batch: 465405

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 465053

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.0290	U	0.0966	0.0290	mg/Kg		10/03/17 13:35	10/03/17 16:58	1

Lab Sample ID: LCS 490-465053/2-A

Matrix: Solid

Analysis Batch: 465405

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 465053

%Rec.

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	Limits
Mercury	0.163	0.1710		mg/Kg	105	80 - 120	

Method: Moisture - Percent Moisture

Lab Sample ID: 490-137889-3 DU

Matrix: Solid

Analysis Batch: 465008

Client Sample ID: West-01

Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	Limit
Percent Moisture	1.5		1.3		%		16	20
Percent Solids	98.5		98.7		%		0.2	20

TestAmerica Nashville

QC Association Summary

Client: Weston Solutions, Inc.
Project/Site: Property 006

TestAmerica Job ID: 490-137889-1

GC/MS Semi VOA

Prep Batch: 464683

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
490-137889-3	West-01	Total/NA	Solid	3550C	
490-137889-4	West-02	Total/NA	Solid	3550C	
490-137889-5	North	Total/NA	Solid	3550C	
490-137889-6	South	Total/NA	Solid	3550C	
MB 490-464683/1-A	Method Blank	Total/NA	Solid	3550C	
LCS 490-464683/2-A	Lab Control Sample	Total/NA	Solid	3550C	

Prep Batch: 464686

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
490-137889-1	WOR006-012-36-171002-56	Total/NA	Solid	3550C	
490-137889-2	WOR006-011-36-171002-56	Total/NA	Solid	3550C	
490-137889-3	West-01	Total/NA	Solid	3550C	
490-137889-4	West-02	Total/NA	Solid	3550C	
490-137889-5	North	Total/NA	Solid	3550C	
490-137889-6	South	Total/NA	Solid	3550C	
MB 490-464686/1-A	Method Blank	Total/NA	Solid	3550C	
LCS 490-464686/2-A	Lab Control Sample	Total/NA	Solid	3550C	

Analysis Batch: 464885

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
490-137889-1	WOR006-012-36-171002-56	Total/NA	Solid	8270D SIM	
490-137889-2	WOR006-011-36-171002-56	Total/NA	Solid	8270D SIM	
490-137889-3	West-01	Total/NA	Solid	8270D SIM	
490-137889-4	West-02	Total/NA	Solid	8270D SIM	
490-137889-5	North	Total/NA	Solid	8270D SIM	
490-137889-6	South	Total/NA	Solid	8270D SIM	

Analysis Batch: 465063

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
490-137889-3	West-01	Total/NA	Solid	8270D	
490-137889-4	West-02	Total/NA	Solid	8270D	
490-137889-5	North	Total/NA	Solid	8270D	
490-137889-6	South	Total/NA	Solid	8270D	
MB 490-464683/1-A	Method Blank	Total/NA	Solid	8270D	
LCS 490-464683/2-A	Lab Control Sample	Total/NA	Solid	8270D	

Analysis Batch: 465236

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 490-464686/2-A	Lab Control Sample	Total/NA	Solid	8270D SIM	464686

Analysis Batch: 465270

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
490-137889-1	WOR006-012-36-171002-56	Total/NA	Solid	8270D SIM	
490-137889-2	WOR006-011-36-171002-56	Total/NA	Solid	8270D SIM	
MB 490-464686/1-A	Method Blank	Total/NA	Solid	8270D SIM	

TestAmerica Nashville

QC Association Summary

Client: Weston Solutions, Inc.
Project/Site: Property 006

TestAmerica Job ID: 490-137889-1

Metals

Prep Batch: 465053

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
490-137889-3	West-01	Total/NA	Solid	7471B	
490-137889-4	West-02	Total/NA	Solid	7471B	
490-137889-5	North	Total/NA	Solid	7471B	
490-137889-6	South	Total/NA	Solid	7471B	
MB 490-465053/1-A	Method Blank	Total/NA	Solid	7471B	
LCS 490-465053/2-A	Lab Control Sample	Total/NA	Solid	7471B	

Prep Batch: 465078

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
490-137889-3	West-01	Total/NA	Solid	3051A	
490-137889-4	West-02	Total/NA	Solid	3051A	
490-137889-5	North	Total/NA	Solid	3051A	
490-137889-6	South	Total/NA	Solid	3051A	
MB 490-465078/1-A	Method Blank	Total/NA	Solid	3051A	
LCS 490-465078/2-A	Lab Control Sample	Total/NA	Solid	3051A	

Analysis Batch: 465405

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
490-137889-3	West-01	Total/NA	Solid	7471B	465053
490-137889-4	West-02	Total/NA	Solid	7471B	465053
490-137889-5	North	Total/NA	Solid	7471B	465053
490-137889-6	South	Total/NA	Solid	7471B	465053
MB 490-465053/1-A	Method Blank	Total/NA	Solid	7471B	465053
LCS 490-465053/2-A	Lab Control Sample	Total/NA	Solid	7471B	465053

Analysis Batch: 465474

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
490-137889-3	West-01	Total/NA	Solid	6010B	465078
490-137889-4	West-02	Total/NA	Solid	6010B	465078
490-137889-5	North	Total/NA	Solid	6010B	465078
490-137889-6	South	Total/NA	Solid	6010B	465078
MB 490-465078/1-A	Method Blank	Total/NA	Solid	6010B	465078
LCS 490-465078/2-A	Lab Control Sample	Total/NA	Solid	6010B	465078

Analysis Batch: 465475

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
490-137889-3	West-01	Total/NA	Solid	6020A	465078
490-137889-4	West-02	Total/NA	Solid	6020A	465078
490-137889-5	North	Total/NA	Solid	6020A	465078
490-137889-6	South	Total/NA	Solid	6020A	465078
MB 490-465078/1-A	Method Blank	Total/NA	Solid	6020A	465078
LCS 490-465078/2-A	Lab Control Sample	Total/NA	Solid	6020A	465078

Analysis Batch: 465791

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
490-137889-3	West-01	Total/NA	Solid	6020A	465078
LCS 490-465078/2-A	Lab Control Sample	Total/NA	Solid	6020A	465078

TestAmerica Nashville

QC Association Summary

Client: Weston Solutions, Inc.
Project/Site: Property 006

TestAmerica Job ID: 490-137889-1

General Chemistry

Analysis Batch: 465008

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
490-137889-1	WOR006-012-36-171002-56	Total/NA	Solid	Moisture	
490-137889-2	WOR006-011-36-171002-56	Total/NA	Solid	Moisture	
490-137889-3	West-01	Total/NA	Solid	Moisture	
490-137889-4	West-02	Total/NA	Solid	Moisture	
490-137889-5	North	Total/NA	Solid	Moisture	
490-137889-6	South	Total/NA	Solid	Moisture	
490-137889-3 DU	West-01	Total/NA	Solid	Moisture	

Preliminary Data

TestAmerica Nashville

Lab Chronicle

Client: Weston Solutions, Inc.
Project/Site: Property 006

TestAmerica Job ID: 490-137889-1

Client Sample ID: WOR006-012-36-171002-56

Date Collected: 10/02/17 08:00

Date Received: 10/03/17 10:05

Lab Sample ID: 490-137889-1

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			465008	10/03/17 11:39	BAA	TAL NSH

Client Sample ID: WOR006-012-36-171002-56

Date Collected: 10/02/17 08:00

Date Received: 10/03/17 10:05

Lab Sample ID: 490-137889-1

Matrix: Solid

Percent Solids: 90.1

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			30.35 g	1.00 mL	464686	10/03/17 12:54	MNM	TAL NSH
Total/NA	Analysis	8270D SIM		10			464885	10/03/17 17:26	LEG	TAL NSH
Total/NA	Prep	3550C			30.35 g	1.00 mL	464686	10/03/17 12:54	MNM	TAL NSH
Total/NA	Analysis	8270D SIM		25			465270	10/04/17 10:26	ZLN	TAL NSH

Client Sample ID: WOR006-011-36-171002-56

Date Collected: 10/02/17 08:20

Date Received: 10/03/17 10:05

Lab Sample ID: 490-137889-2

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			465008	10/03/17 11:39	BAA	TAL NSH

Client Sample ID: WOR006-011-36-171002-56

Date Collected: 10/02/17 08:20

Date Received: 10/03/17 10:05

Lab Sample ID: 490-137889-2

Matrix: Solid

Percent Solids: 87.7

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			30.05 g	1.00 mL	464686	10/03/17 12:54	MNM	TAL NSH
Total/NA	Analysis	8270D SIM		10			464885	10/03/17 17:46	LEG	TAL NSH
Total/NA	Prep	3550C			30.05 g	1.00 mL	464686	10/03/17 12:54	MNM	TAL NSH
Total/NA	Analysis	8270D SIM		25			465270	10/04/17 10:46	ZLN	TAL NSH

Client Sample ID: West-01

Date Collected: 10/02/17 14:10

Date Received: 10/03/17 10:05

Lab Sample ID: 490-137889-3

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			465008	10/03/17 11:39	BAA	TAL NSH

Client Sample ID: West-01

Date Collected: 10/02/17 14:10

Date Received: 10/03/17 10:05

Lab Sample ID: 490-137889-3

Matrix: Solid

Percent Solids: 98.5

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			30.02 g	1.00 mL	464683	10/03/17 12:58	MNM	TAL NSH

TestAmerica Nashville

Lab Chronicle

Client: Weston Solutions, Inc.
Project/Site: Property 006

TestAmerica Job ID: 490-137889-1

Client Sample ID: West-01

Date Collected: 10/02/17 14:10
Date Received: 10/03/17 10:05

Lab Sample ID: 490-137889-3

Matrix: Solid
Percent Solids: 98.5

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8270D		25			465063	10/03/17 23:50	ZLN	TAL NSH
Total/NA	Prep	3550C			30.11 g	1.00 mL	464686	10/03/17 12:54	MNM	TAL NSH
Total/NA	Analysis	8270D SIM		10			464885	10/03/17 18:06	LEG	TAL NSH
Total/NA	Prep	3051A			0.533 g	100 mL	465078	10/03/17 15:16	BVH	TAL NSH
Total/NA	Analysis	6010B		1			465474	10/04/17 15:04	TSC	TAL NSH
Total/NA	Prep	3051A			0.533 g	100 mL	465078	10/03/17 15:16	BVH	TAL NSH
Total/NA	Analysis	6020A		1			465475	10/04/17 14:13	BLG	TAL NSH
Total/NA	Prep	3051A			0.533 g	100 mL	465078	10/03/17 15:16	BVH	TAL NSH
Total/NA	Analysis	6020A		5			465791	10/05/17 16:26	BLG	TAL NSH
Total/NA	Prep	7471B			0.625 g	100 mL	465053	10/03/17 13:35	RDF	TAL NSH
Total/NA	Analysis	7471B		1			465405	10/03/17 17:28	RDF	TAL NSH

Client Sample ID: West-02

Date Collected: 10/02/17 14:20
Date Received: 10/03/17 10:05

Lab Sample ID: 490-137889-4

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			465008	10/03/17 11:39	BAA	TAL NSH

Client Sample ID: West-02

Date Collected: 10/02/17 14:20
Date Received: 10/03/17 10:05

Lab Sample ID: 490-137889-4

Matrix: Solid
Percent Solids: 98.6

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			30.19 g	1.00 mL	464683	10/03/17 12:58	MNM	TAL NSH
Total/NA	Analysis	8270D		25			465063	10/04/17 00:09	ZLN	TAL NSH
Total/NA	Prep	3550C			30.15 g	1.00 mL	464686	10/03/17 12:54	MNM	TAL NSH
Total/NA	Analysis	8270D SIM		10			464885	10/03/17 18:26	LEG	TAL NSH
Total/NA	Prep	3051A			0.500 g	100 mL	465078	10/03/17 15:16	BVH	TAL NSH
Total/NA	Analysis	6010B		1			465474	10/04/17 15:09	TSC	TAL NSH
Total/NA	Prep	3051A			0.500 g	100 mL	465078	10/03/17 15:16	BVH	TAL NSH
Total/NA	Analysis	6020A		1			465475	10/04/17 14:18	BLG	TAL NSH
Total/NA	Prep	7471B			0.606 g	100 mL	465053	10/03/17 13:35	RDF	TAL NSH
Total/NA	Analysis	7471B		1			465405	10/03/17 17:31	RDF	TAL NSH

Client Sample ID: North

Date Collected: 10/02/17 14:30
Date Received: 10/03/17 10:05

Lab Sample ID: 490-137889-5

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			465008	10/03/17 11:39	BAA	TAL NSH

TestAmerica Nashville

Lab Chronicle

Client: Weston Solutions, Inc.
Project/Site: Property 006

TestAmerica Job ID: 490-137889-1

Client Sample ID: North

Date Collected: 10/02/17 14:30
Date Received: 10/03/17 10:05

Lab Sample ID: 490-137889-5

Matrix: Solid
Percent Solids: 98.4

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			30.14 g	1.00 mL	464683	10/03/17 12:58	MNM	TAL NSH
Total/NA	Analysis	8270D		25	500 uL	1.0 mL	465063	10/04/17 00:29	ZLN	TAL NSH
Total/NA	Prep	3550C			30.27 g	1.00 mL	464686	10/03/17 12:54	MNM	TAL NSH
Total/NA	Analysis	8270D SIM		25			464885	10/03/17 18:46	LEG	TAL NSH
Total/NA	Prep	3051A			0.510 g	100 mL	465078	10/03/17 15:16	BVH	TAL NSH
Total/NA	Analysis	6010B		1			465474	10/04/17 15:14	TSC	TAL NSH
Total/NA	Prep	3051A			0.510 g	100 mL	465078	10/03/17 15:16	BVH	TAL NSH
Total/NA	Analysis	6020A		1			465475	10/04/17 14:24	BLG	TAL NSH
Total/NA	Prep	7471B			0.608 g	100 mL	465053	10/03/17 13:35	RDF	TAL NSH
Total/NA	Analysis	7471B		1			465405	10/03/17 17:33	RDF	TAL NSH

Client Sample ID: South

Date Collected: 10/02/17 14:45
Date Received: 10/03/17 10:05

Lab Sample ID: 490-137889-6

Matrix: Solid
Percent Solids: 98.4

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			465008	10/03/17 11:39	BAA	TAL NSH

Client Sample ID: South

Date Collected: 10/02/17 14:45
Date Received: 10/03/17 10:05

Lab Sample ID: 490-137889-6

Matrix: Solid
Percent Solids: 97.8

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			30.42 g	1.00 mL	464683	10/03/17 12:58	MNM	TAL NSH
Total/NA	Analysis	8270D		200	500 uL	1.0 mL	465063	10/04/17 00:48	ZLN	TAL NSH
Total/NA	Prep	3550C			30.18 g	1.00 mL	464686	10/03/17 12:54	MNM	TAL NSH
Total/NA	Analysis	8270D SIM		25			464885	10/03/17 19:06	LEG	TAL NSH
Total/NA	Prep	3051A			0.502 g	100 mL	465078	10/03/17 15:16	BVH	TAL NSH
Total/NA	Analysis	6010B		1			465474	10/04/17 15:20	TSC	TAL NSH
Total/NA	Prep	3051A			0.502 g	100 mL	465078	10/03/17 15:16	BVH	TAL NSH
Total/NA	Analysis	6020A		1			465475	10/04/17 14:29	BLG	TAL NSH
Total/NA	Prep	7471B			0.611 g	100 mL	465053	10/03/17 13:35	RDF	TAL NSH
Total/NA	Analysis	7471B		1			465405	10/03/17 17:36	RDF	TAL NSH

Laboratory References:

TAL NSH = TestAmerica Nashville, 2960 Foster Creighton Drive, Nashville, TN 37204, TEL (615)726-0177

TestAmerica Nashville

Method Summary

Client: Weston Solutions, Inc.
Project/Site: Property 006

TestAmerica Job ID: 490-137889-1

Method	Method Description	Protocol	Laboratory
8270D	Semivolatile Organic Compounds (GC/MS)	SW846	TAL NSH
8270D SIM	Semivolatile Organic Compounds (GC/MS SIM)	SW846	TAL NSH
6010B	Metals (ICP)	SW846	TAL NSH
6020A	Metals (ICP/MS)	SW846	TAL NSH
7471B	Mercury (CVAA)	SW846	TAL NSH
Moisture	Percent Moisture	EPA	TAL NSH

Protocol References:

EPA = US Environmental Protection Agency

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL NSH = TestAmerica Nashville, 2960 Foster Creighton Drive, Nashville, TN 37204, TEL (615)726-0177

Accreditation/Certification Summary

Client: Weston Solutions, Inc.
Project/Site: Property 006

TestAmerica Job ID: 490-137889-1

Laboratory: TestAmerica Nashville

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	EPA Region	Identification Number	Expiration Date
Oklahoma	State Program	6	9412	08-31-18

The following analytes are included in this report, but are not accredited/certified under this accreditation/certification:

Analysis Method	Prep Method	Matrix	Analyte
6010B	3051A	Solid	Iron

The following analytes are included in this report, but accreditation/certification is not offered by the governing authority:

Analysis Method	Prep Method	Matrix	Analyte
Moisture		Solid	Percent Moisture
Moisture		Solid	Percent Solids

COOLER RECEIPT FORM



490-137889 Chain of Custody

Cooler Received/Opened On 10/03/17 1005Time Samples Removed From Cooler 11:10 Time Samples Placed In Storage 11:23 (2 Hour Window)1. Tracking # 9592 (last 4 digits, FedEx) Courier: FedEx
IR Gun ID 31470368 pH Strip Lot N/A Chlorine Strip Lot N/A2. Temperature of rep. sample or temp blank when opened: 4.7 Degrees Celsius

3. If Item #2 temperature is 0°C or less, was the representative sample or temp blank frozen? YES...NO...NA

4. Were custody seals on outside of cooler?

If yes, how many and where: 1 front

YES...NO...NA

YES...NO...NA

5. Were the seals intact, signed, and dated correctly? YES...NO...NA

6. Were custody papers inside cooler? YES...NO...NA

I certify that I opened the cooler and answered questions 1-6 (initial) KG

7. Were custody seals on containers: YES (NO) and Intact YES...NO...NA

Were these signed and dated correctly? YES...NO...NA

8. Packing mat'l used? Bubblewrap Plastic bag Peanuts Vermiculite Foam Insert Paper Other None

9. Cooling process: Ice Ice-pack Ice (direct contact) Dry ice Other None

10. Did all containers arrive in good condition (unbroken)? YES...NO...NA

11. Were all container labels complete (#, date, signed, pres., etc)? YES...NO...NA

12. Did all container labels and tags agree with custody papers? YES...NO...NA

13a. Were VOA vials received? YES...NO...NA

b. Was there any observable headspace present in any VOA vial? YES...NO...NA

14. Was there a Trip Blank in this cooler? YES...NO...NA If multiple coolers, sequence # JJI certify that I unloaded the cooler and answered questions 7-14 (initial) JJ

15a. On pres'd bottles, did pH test strips suggest preservation reached the correct pH level? YES...NO...NA

b. Did the bottle labels indicate that the correct preservatives were used YES...NO...NA

16. Was residual chlorine present? YES...NO...NA

I certify that I checked for chlorine and pH as per SOP and answered questions 15-16 (initial) KD

17. Were custody papers properly filled out (ink, signed, etc)? YES...NO...NA

18. Did you sign the custody papers in the appropriate place? YES...NO...NA

19. Were correct containers used for the analysis requested? YES...NO...NA

20. Was sufficient amount of sample sent in each container? YES...NO...NA

I certify that I entered this project into LIMS and answered questions 17-20 (initial) KDI certify that I attached a label with the unique LIMS number to each container (initial) KD

21. Were there Non-Conformance issues at login? YES...NO...# Was a NCM generated? YES...NO...#

TestAmerica Nashville

2960 Foster Creighton Drive

Chain of Custody Record

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

Nashville, TN 37204-3719
phone 615.726.0177 fax 615.726.3404

Regulatory Program: DW NPDES RCRA Other:

TestAmerica Laboratories, Inc.

Client Contact		Project Manager: Jeff Wright			Site Contact: Derrick Camb		Date: 10/21/17		COC No:								
WESTON Solutions, Inc. 5599 San Felipe, Suite 700 Houston, Texas 77056 713-985-6600 Phone 713-985-6703 FAX Project Name: Wilcox Oil Refinery Removal Assessment Site: Property 006 PO #		Tel/Fax: Analysis Turnaround Time <input type="checkbox"/> CALENDAR DAYS <input checked="" type="checkbox"/> WORKING DAYS TAT if different from Below <input type="checkbox"/> 2 weeks <input type="checkbox"/> 1 week <input type="checkbox"/> 2 days <input checked="" type="checkbox"/> 1 day			Lab Contact: Sarah		Carrier: FedEx		<input type="checkbox"/> of <input type="checkbox"/> COCs								
									Sampler:								
									For Lab Use Only: Walk-in Client: Lab Sampling:								
									Job / SDG No.:								
									Sample Specific Notes: Loc: 490 137889								
Sample Identification		Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y/N)	Perform MS/MSD (Y/N)	SVOC SIMs (PAHs)-Benzol[al]pyrene	TAL Matrix	HQ SVOCs						
WOP006-012-36-171002-S6	10/21/17	0500	C	S	1		X										
WOP006-011-36-171002-S6	10/21/17	0820	C	S	1		X										
West-01	10/21/17	1410	C	S	2		X X X X										
West-02	10/21/17	1420	G	S	2		X X X X										
North	10/21/17	1430	G	S	2		X X X X										
South	10/21/17	1445	C	S	2		X X X X										
Preservation Used: 1=Ice, 2=HCl; 3=H ₂ SO ₄ ; 4=HNO ₃ ; 5=NaOH; 6= Other																	
Possible Hazard Identification: Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.																	
Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)																	
<input type="checkbox"/> Non-Hazard			<input type="checkbox"/> Flammable			<input type="checkbox"/> Skin Irritant			<input type="checkbox"/> Poison B			<input type="checkbox"/> Unknown			<input type="checkbox"/> Return to Client	<input type="checkbox"/> Disposal by Lab	<input type="checkbox"/> Archive for Months

Preservation Used: 1=Ice, 2=HCl, 3=H₂SO₄, 4=HNO₃, 5=NaOH, 6=Other

Possible Hazard Identification:

Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

Non-Hazard Flammable Skin Irritant

Special Instructions/QC Requirements & Comments:

Special Instructions/QC Requirements & Comments:

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

Special Instructions/QC Requirements & Comments:

Special Instructions & Requirements & Comments:

Return to Client Disposal by Lab Archive for Manda

Custody Seals Intact:	<input type="checkbox"/> Yes	<input type="checkbox"/> No	Custody Seal No.:	Cooler Temp. (°C): Obs'd: 4.2	Corr'd:	Therm ID No.:	
Relinquished by:	<i>Megan Willis</i>		Company: Western	Date/Time: 10/21/17 2:00	Received by: FedEx	Date/Time:	
Relinquished by:			Company:	Date/Time:	Received by:	Company:	Date/Time:
Relinquished by:			Company:	Date/Time:	Received in Laboratory by: <i>Jeff Parker</i>	Company: TAN	Date/Time: 10-03-2017 10:05

Form No. CA-C-WI-002, Rev. 4.14, dated 9/22/2017

Login Sample Receipt Checklist

Client: Weston Solutions, Inc.

Job Number: 490-137889-1

Login Number: 137889

List Source: TestAmerica Nashville

List Number: 1

Creator: Dawson, Keith M

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	